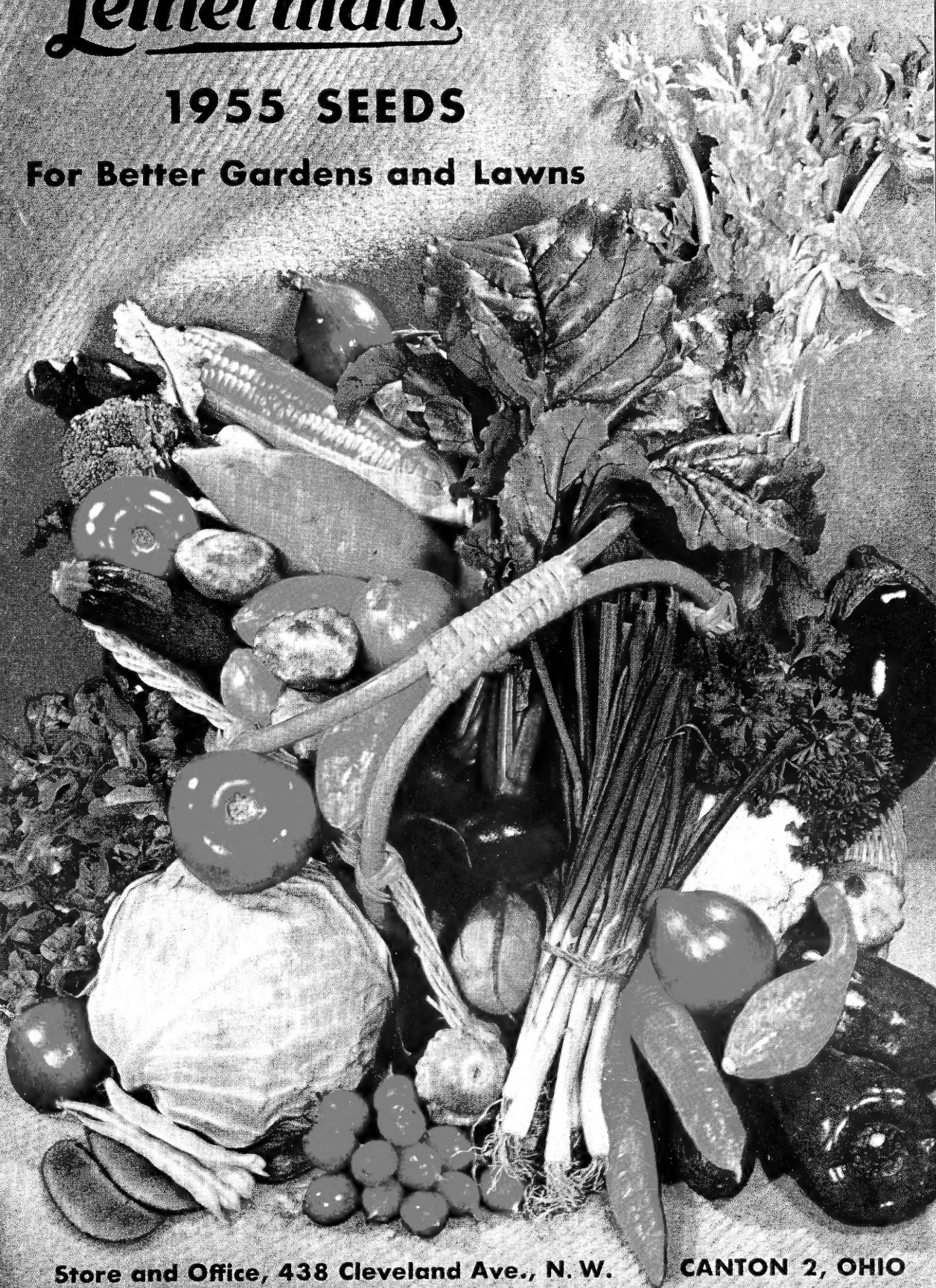


Letherman's

1955 SEEDS

For Better Gardens and Lawns



Store and Office, 438 Cleveland Ave., N. W.

CANTON 2, OHIO



Trade Organizations

have accomplished much for the benefit of all who plant gardens. They have helped to lead the way for better seeds and better ethics in the whole seed trade. We are proud to be members of—

American Seed Trade Assoc.
Ohio Seed Dealers Association
The Ohio Pesticide Institute

LEATHERMAN'S LAWN MIXTURES

ARE BLENDED TO MAKE FINE, THICK, PERMANENT LAWNS

Prices are subject to change

McKinley Park Mixture

Our most popular blend, a splendid mixture for permanent results. It is made up of heavy re-cleaned Kentucky Blue and Fescue, with some Creeping Bent and White Dutch Clover. Red Top serves as the quick growing nurse grass. McKinley will establish a beautiful fine leaved lawn, the equal of many mixtures sold at much higher prices.

1 lb. \$1.35, 5 lbs. \$6.60, 10 lbs. \$13.00, 25 lbs. at \$1.28 lb., 50 lbs. or more at \$1.25 lb.

Evergreen Mixture

A first class blend of re-cleaned Kentucky Blue, Fescue, Red Top and Rye Grass and some White Clover. Capable of producing a good permanent lawn, durable, yet fine leaved.

1 lb. \$1.00, 5 lbs. \$4.85, 10 lbs. \$9.50, 25 lbs. at 93c lb., 50 lbs. at 90c lb.

Quikgreen Mixture

The mixture for quick results where fine texture is not of first importance. Better than most low priced mixtures as it contains at least a quarter million seeds of Kentucky Blue in every pound.

1 lb. 70c, 5 lbs. \$3.35, 10 lbs. \$6.50, 25 lbs. at 62c lb., 50 lbs. at 60c lb.

Velvet Turf Bent Mixture

Highly refined, containing a good proportion of Bent, also Bluegrass and Fescue with no temporary grasses or White Clover.

1 lb. \$1.60, 5 lbs. \$7.85, 10 lbs. \$15.50, 25 lbs. at \$1.52 lb. 50 lbs. at \$1.50.

Shady Dell Mixture

Very carefully blended, as is McKinley Park but containing a much larger proportion of varieties that will thrive in the shade, Creeping Red Fescue and Poa Trivialis. It must be considered also that soil which supports heavy tree growth as well as lawn, needs extra supplies of plant food and moisture.

1 lb. \$1.35, 5 lbs. \$6.60, 10 lbs. \$13.00, 25 lbs. at \$1.28 lb., 50 lbs. at \$1.25 lb.

Merion B27 Bluegrass

After years of selection and trial Merion has definitely established its superiority as compared to Kentucky Blue, in these characteristics. It has lower habit of growth standing closer cutting, remains greener in midsummer, spreads by under-grown root stalks with more vigor, making a close sod quicker, so is better able to crowd or hold out crabgrass and weeds.

Merion may be sown alone or in mixtures with Fescues or other grasses as you would Kentucky Blue. When Merion Bluegrass is sown alone you should sow it at least 2 lbs. per 1000 sq. ft. 2½ to 3 lbs. will give you a quicker turf and, of course, less of a weed problem. Mix the seed with dry sand for even distribution. Liberal feeding will lessen the time required for a good turf.

¼ lb. \$1.30, lb. \$4.45, 5 lbs. at \$4.40 per lb.
Seed Scarce—Subject to price change

Merion Bluegrass Mixture with Fescue, Bent, and Poa Trivialis

These three grasses make an excellent blend for a thick rich and tough turf.

1 lb. \$2.90, 5 lbs. at \$2.85 lb., 10 lbs. at \$2.80.

Separate Grasses For Special Purposes

Prices F. O. B. Canton subject to change. Please ask for quantity prices.

White Dutch Clover. A fine pure grade of this favorite lawn clover. Does well where it is sometimes hard to get good stands of grasses.
1/4 lb. 45c, lb. \$1.50, 5 lbs. at \$1.45 lb.

New Zealand White Clover. Spreads rapidly.
1/4 lb. 45c, lb. \$1.50, 5 lbs. at \$1.45 lb.

Kentucky Blue. A fine leaved deep green permanent grass. It spreads by creeping roots and makes a very close turf when conditions are favorable. Bluegrass is slow to establish itself, so we recommend using it mixed with quicker growing grasses.
Lb. \$1.45, 5 lbs. at \$1.40 lb., 10 lbs. at \$1.35 lb.

Fescues

The following are all hardy fine leaved grasses that blend well with Kentucky Blue. They do very well in shade as well as in sunny situations, and on sandy dry soils.

Creeping Red Fescue. Spreads by underground root stocks, making a close turf.
Lb. 90c, 5 lbs. at 85c lb.

Illahoe Fescue. Excellent new strain.
Lb. \$1.00, 5 lbs. at 95c lb.

Alta or Kentucky 31 Fescue. A somewhat coarse leaved hardy type excellent for athletic fields, playgrounds, etc.
Lb. 45c, 5 lbs. at 40c lb.

Chewing Fescue. A good strain of Creeping Fescue.
Lb. 95c, 5 lbs. at 90c lb.

Poa Trivialis. Excellent shady place grass, especially for moist spots. Blends very well with Kentucky Bluegrass.
Lb. \$1.15, 5 lbs. at \$1.10 lb.

Red Top. Very quick growing, fairly permanent.
Fancy grade, lb. \$1.25, 5 lbs. at \$1.20 lb.

Domestic Rye. Excellent, quick growing nurse grass, making an immediate covering.
Lb. 30c, 5 lbs. at 28c lb., 10 lbs. at 25c lb.

Perennial Rye Grass. Longest lived of the Rye grasses. Used in quick growing coarser mixtures for playgrounds and athletic fields.
Lb. 45c, 5 lbs. at 40c lb., 10 lbs. at 35c lb.

Timothy.
Lb. 50c, 5 lbs. at 47c lb., 10 lbs. at 45c lb.

Bentgrasses

Seaside Bent. The creeping strain that spreads by stolons or runners above ground.
Lb. \$1.45, 5 lbs. at \$1.40 lb.

Astoria Bent. The most desirable for lawns as it grows upright, spreading by underground root growth, making a dense compact sod.
Lb. \$1.35, 5 lbs. at \$1.30 lb.

Highland Bent. In growth similar to Astoria.
Lb. \$1.15, 5 lbs. at \$1.10 lb.

Terms and Conditions

On Out of Canton Orders

PLEASE MAKE REMITTANCES by Money Order, Bank Draft or Personal Check unless you have an established credit. Because of extra fees, etc., we prefer not to make C.O.D. shipments unless the cost of materials is not known to you.

SEEDS, WITH THE EXCEPTION OF BEANS, CORN AND PEAS are delivered by mail or express at catalog prices. Because of greatly increased parcel post rates our prices on Beans, Corn and Peas do not include postage.

See Parcels Post Rates.

PURCHASER PAYS TRANSPORTATION on Potatoes, Onion Sets, Tools, Insecticides, Fertilizer, and Farm Seeds.

ON LOCAL ORDERS we make delivery without charge in Canton on orders amounting to \$2.00 or more.

LIMITED WARRANTY. Letherman's, Inc., warrants to the extent of the purchase price that seeds or bulbs are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

PRICES SUBJECT TO CHANGE. All prices in the catalog are subject to change should conditions make it necessary.

New Parcel Post Rates

Pounds	Local	Zones		
		1-2 Up to 150 miles	3 150 to 300 miles	4 300 to 600 miles
1.....	\$0.18	\$0.23	\$0.23	\$0.24
2.....	.20	.27	.29	.31
3.....	.21	.31	.34	.38
4.....	.23	.35	.39	.45
5.....	.24	.39	.44	.52
6.....	.26	.43	.49	.59
7.....	.27	.47	.54	.66
8.....	.29	.51	.60	.73
9.....	.30	.55	.65	.80
10.....	.32	.59	.70	.87
11.....	.33	.63	.75	.93
12.....	.34	.67	.80	1.00
13.....	.36	.71	.85	1.07
14.....	.37	.75	.90	1.14
15.....	.39	.79	.96	1.21
16.....	.40	.83	1.01	1.28
17.....	.42	.87	1.06	1.35
18.....	.43	.91	1.11	1.42
19.....	.45	.95	1.16	1.49
20.....	.46	.99	1.21	1.56

On larger quantities please inquire at your local post office.

LETHERMAN'S VEGETABLE PLANTING CHART

Distance apart, especially the space between rows, of course is variable. Those with only a very limited space plant rows closer than where room is unlimited. Method of cultivation also effects the spacing. Dates of planting depend somewhat on the particular season, the location and the type of soil.

Kind	Plants from 1 oz.	Seed for 100 ft. Row	Seed per Acre	Thin to or Plant Apart in Rows	Dates to Plant
Beans, Bush		1 lb.	60 lbs.	2 to 3 in.	May through July
Beans, Lima		1 lb.	60 lbs.	4 to 6 in.	Late May-June
Beans, Pole		½ lb.	30 lbs.	Hills 3 ft. apart	May-June
Beet, Table		1 oz.	10 lbs.	3 to 4 in.	April to July
Beet, Mangel		1 oz.	5 lbs.	5 to 6 in.	April to June
Broccoli	3000		4 oz.	18 to 24 in.	April-June
Brussels Sprouts	2500		4 oz.	18 to 24 in.	Mar.-Apr. June-July
Cabbage	3000		4 oz.	1½ ft.	April-July
Carrot		½ oz.	3-4 lbs.	2 to 2½ in.	Late Apr. through June
Cauliflower	2000		6 oz.	18 to 24 in.	Late Apr. to July
Celery	10000		2-4 oz.	6 to 8 in.	Mar.-Apr. inside
Chicory		½ oz.	4 lbs.	3 to 4 in.	May-June
Corn, Pop		½ lb.	6 lbs.	5 to 6 in.	May-June
Corn, Sweet		½ lb.	12 lbs.	9 to 10 in.	May to July 1
Cucumber		½ oz.	2 lbs.	1 to 3 ft.	May-July
Dill		½ lb.	5 lbs.	6 in.	May-June
Egg Plant	2000		8 oz.	18 to 24 in.	March inside
Endive		1 oz.	2-3 lbs.	8 in.	Apr. June-July
Kale		½ oz.	2-4 lbs.	18 to 24 in.	Apr.-June
Kohl Rabi		½ oz.	2-4 lbs.	4 to 6 in.	Apr.-June
Leek		½ oz.	4 lbs.	3 to 4 in.	Apr.-May
Lettuce		½ oz.	2-3 lbs.	4 to 12 in.	Apr.-May August
Melon, Musk	1 oz. to	100 hills	2-3 lbs.	2 to 3 ft.	May-June
Melon, Water	1 oz. to	25 hills	3-4 lbs.	4 to 6 ft.	May-June
Okra		2 oz.	8 lbs.	18 to 24 in.	Late May-June
Onion		½ oz.	4-5 lbs.	2 to 4 in.	Apr.-May
Onion (for sets)		½ oz.	4-5 lbs.	2 in.	Apr.-May
Parsnip		½ oz.	4 lbs.	3 in.	Apr.-May
Parsley		½ oz.	3 lbs.	4 to 6 in.	Apr.-May
Peas, Garden		¼ lb.	90-120 lbs.	1 to 2 in.	Mar.-May Aug.
Pepper	1500		8 oz.	18 to 24 in.	Mar. 1 inside
Pumpkin	1 oz. to	20 hills	3-4 lbs.	3 to 4 ft.	May-June
Radish		1 oz.	10-12 lbs.	1 in.	Apr.-July
Rutabaga		¾ oz.	2-3 lbs.	3 to 4 in.	May-July
Salsify		1 oz.	8 lbs.	3 to 4 in.	Apr.-June
Spinach		1 oz.	10 lbs.	6 in.	Apr.-May Sept.
Squash, Summer	1 oz. to	25 hills	4 lbs.	3 to 4 ft.	Late May-June
Squash, Winter	1 oz. to	15 hills	2 lbs.	3 to 4 ft.	Late May-June
Swiss Chard		1 oz.	10 lbs.	8 in.	Apr.-July
Tomato	2500		2-3 oz.	3 to 4 ft.	March inside
Turnip		¾ oz.	1½-3 lbs.	3 to 4 in.	Apr.-May July-Aug.

Number of Plants per Acre				Feet of Row per Acre at Given Distances	
If Planted	No. Plants	If Planted	No. Plants	Distance Between Rows	Feet of Row
12 x 12 in.....	43,560	36 x 24 in.....	7,260	18 in.....	29,010
12 x 18 in.....	29,040	36 x 36 in.....	4,840	24 in.....	21,758
18 x 18 in.....	19,360	48 x 24 in.....	5,445	30 in.....	17,427
18 x 24 in.....	15,520	48 x 36 in.....	3,630	36 in.....	14,526
24 x 24 in.....	10,890	48 x 48 in.....	2,723	42 in.....	12,439
30 x 12 in.....	17,424	60 x 60 in.....	1,743	48 in.....	10,853
30 x 24 in.....	8,712	8 x 3 ft.....	1,815		
36 x 12 in.....	14,520	8 x 8 ft.....	680		

Plants or Bulbs Needed For Filling Round Beds

Diameter of Bed	Planted 4 in. apart	Planted 6 in. apart	Planted 12 in. apart	Planted 18 in. apart
6 feet	265	118	30	15
8 feet	460	206	52	25
12 feet	1020	456	115	57
16 feet	1820	810	202	100
18 feet	2290	1020	255	126

New Flowers—Vegetables For You

Try these new and improved varieties in your garden this year. We believe the results will be very satisfying.

Aquilegia McKana's Giant

All-America Winner for 1955

A long lived perennial Columbine, the finest yet, for coloring and the extra large long spurred flowers.

201 McKana's Giant. Pkt. 30c, $\frac{1}{16}$ oz. \$1.50.

Celosia, Toreador

All-America Winner for 1955

A beautiful velvety red Comb or Cockscomb type Celosia that will make a showy bed or border. Plants uniformly 18 inches tall.

351 Celosia Toreador. Pkt. 30c, $\frac{1}{32}$ oz. 70c.

Marigold, Lemondrop

Well named, a 9 inch tall compact bushy plant covered with bright lemon yellow blooms. Uniform plants, excellent for edgings and border.

877 Lemondrop. Pkt. 15c, $\frac{1}{16}$ oz. 40c.

Morning Glory, Candy Pink

The first true pink Morning Glory. Flowers are large (4 in.), stay open only one day but fresh ones replace them so the vine is full of bright color. Vines grow quickly reaching 15 to 20 feet.

904 Candy Pink. Pkt. 20c, $\frac{1}{8}$ oz. 60c.

Petunia, Prima Donna

All-America Winner for 1955

The newest of the fine dwarf fringed large flowering hybrids. It is bright rose pink with vigor, uniformity and prettily fringed and wavy flowers.

1002 Prima Donna. Pkt. 50c, 2 pkts. 90c.

Sweet Peas, Little Sweetheart

Brand new in Sweet Peas, the plants instead of vining are little bushes only 8 inches high covered with good size Spencer type flowers in all the Sweet Pea colors. Plants are early and continuous blooming.

1290 Little Sweetheart. Mixed pkt. 50c.

Zinnias, New Giant Hybrids

The finest of all the large flowering Zinnias, available now in several separate colors and mixed.

1473 Eskimo. White. Pkt. 20c, $\frac{1}{16}$ oz. 45c.

1476 Floradale Scarlet. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

1477 Riverside Beauty. Salmon pink.

Pkt. 15c, $\frac{1}{8}$ oz. 50c.

1478 Blaze. Orange scarlet. Pkt. 25c, $\frac{1}{16}$ oz. 60c.

1479 Sunny Boy. Yellow. Pkt. 20c, $\frac{1}{16}$ oz. 45c.

1474 Giant Hybrids Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

Green Bean, Wade

All-America Gold Medal

Handsome, tender, long pods on a vigorous disease resistant plant. The pods are smooth, lacking much of the "fuzziness" common to beans. They lose moisture slower, staying green, fresh and better to eat for a longer time than others.

$\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

Sweet Corn, Golden Beauty

All-America Winner for 1955

Fine new early hybrid variety, slightly earlier than Marcross, a heavier yielder and noticeably disease resistant. You will enjoy its fine quality.

$\frac{1}{2}$ lb. 40c, lb. 75c, 2 lbs. \$1.45.

Pop Corn, Minhybrid 250

Best described as hybrid Hulless with very tender large kernels without hulls. It is a much better yielder than the old Jap Hulless.

$\frac{1}{4}$ lb. 35c, $\frac{1}{2}$ lb. 60c, lb. \$1.10.

Muskmelon, Pennsweet

All-America Winner for 1955

Very early, rather small melon, with thick flesh of delicious quality. Fine for the home garden and local market. Pkt. 25c, $\frac{1}{2}$ oz. 40c, oz. 75c.

Watermelon, Rhode Island Red

A medium sized, oval melon with striped tough rind. It grows a nice size for home gardens and ripens in about 75 days, plenty early enough for northern gardeners. The crisp red flesh is of excellent flavor.

Pkt. 15c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

Pea, Wando—Stands Heat

A variety that you can expect to yield well even if planting is delayed so that hot weather comes early. Pods are not large, about $3\frac{1}{2}$ inches long, but tightly filled with good sweet peas. Plants are about $2\frac{1}{2}$ feet tall.

$\frac{1}{2}$ lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.

Tomato, Brookston

A good sized, solid, deep red tomato that ripens a few days earlier than Rutgers. It sets fruit exceptionally well, even in hot weather and gives a heavy total yield. It is bred for disease resistance. Those who tried it last year were very pleased with both yield and fine quality.

Pkt. 20c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c.



TENDER, STRINGLESS BEANS

To Enjoy the Finest Bean Crops

Bush Beans. After soil is warmed up plant beans in trench $1\frac{1}{2}$ to 2 inches deep—spacing seed 2-3 inches apart. One pound plants about 100 foot row. Space rows 24 to 30 inches apart. Pick pods as soon as edible. For steady supply make successive plantings until August 1st or early enough to insure crop before fall frosts. In the variety descriptions we give the approximate number of days to reach edible stage. Do not pick or cultivate beans when wet.

For Home Freezing

We suggest—**Wade, Topcrop, Tendergreen,** and the **Wax Pods—Pencil Pod,** and **Round Pod Kidney Wax.**

DWARF GREEN PODS

Two All-America Gold Medal Winners

Top Crop. 48 days. A tremendous yield of round, slightly curved tender pods 6 inches long. Excellent for market, home gardener or freezing.

$\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

Wade. 50 days. Handsome, tender long pods on a vigorous disease resistant plant. The pods are smooth, lacking much of the "fuzziness" common to beans. They lose moisture slower, staying green, fresh, and better to eat for a longer time than others.

$\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

Fine Standard Varieties

Asgrow Stringless Green Pod-Impd. Tendergreen. 52 days. Pods are entirely stringless and fiberless, meaty and richly flavored. They are round, long (6-6 $\frac{1}{2}$ inches) nearly straight and attractive dark green. Our most popular variety.

Bountiful. 49 days. Most popular flat podded green bean. Long, flat, tender, stringless pods.

Burpee's Stringless. 50 days. Pods long, round, meaty, brittle, tender and stringless.

Prices—All Varieties Except as Noted— $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50. (Subject to Change.) Prices this year do not include postage. Please see page 1 for postal rates.

Dwarf Horticultural. Imp. Long Pod Strain. Better strain of the Speckled Cranberry or Wren's Egg beans, which can be used as snap bean or green shelled.

$\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

Ranger. Vigorous plants (with half runners) which yield tremendous quantities of round, straight, green pods. Beans may be used fresh, canned, frozen or for dry beans, seeds being white.

$\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

Tendergreen. See Asgrow Stringless Green Pod.

Dwarf Wax Pod

Cherokee Wax. 50 days. They closely resemble, except in color of pod, the Asgrow Black Valentine which means it is an extremely heavy bearer of stringless, oval pods, long, tender and of good quality.

Imp. Golden or Top Notch. 51 days. The most popular flat, oval pod bean for home garden. Stringless and rich flavored.

Pencil Pod Black Wax. 52 days. Plant large, stocky, vigorous, early and profuse bearer. Pods round, slightly curved, very brittle, finest quality and entirely stringless.

Round Pod Kidney or Brittle Wax. 58 days. Of superb quality, the round fleshy pods are slightly curved, extremely brittle and stringless.

$\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

Lima Beans are more sensitive to cold than others, so it is late May or June before safe to plant. For green shell Limas you can plant up to July 10th. One pound to 100 feet of row. Place seeds edge-wise, eyes down.

For Home Freezing. The **Fordhooks** and **Henderson's** are the most satisfactory.

BUSH LIMAS

Early Market. 70 days. Produces an extra heavy early yield about a week earlier than Burpee's Improved. The beans are medium large, flat and of excellent quality. Very reliable for home garden or market.

Burpee's Improved. 75 days. Plants are large, vigorous, and very productive. Excellent large seeded variety, fine for home gardens, always doing well.

Fordhook Regular. 77 days. The original Potato Lima and extremely heavy yielding, though sensitive to conditions. Large thick oval beans of rich flavor.

Fordhook 242. 75 days. The same high quality as Fordhook, and sets pods better in hot, dry weather. Plants large and productive.

Prices all above— $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

Henderson's Baby Lima. 65 days. Plants small, erect and very early and prolific. Seeds small and excellent quality.

$\frac{1}{2}$ lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.

POLE BEANS—GREEN

Heavily productive over a long season. Plant with corn or with pole or trellis supports. The hills are spaced 2 to 3 feet apart, 4 to 5 seeds in a hill.

For Home Freezing grow **Kentucky Wonder**.

Kentucky Wonder (Old Homestead). 65 days. Plants are very tall and prolific. Pods long, curved, and nearly round, meaty, fiberless and brittle.

Lazy Wife. 74 days. A good late variety. Used as a snap, green shell and dried winter bean.

London Horticultural (Speckled Cranberry). 70 Days. Widely used as a snap and green shell bean. Pods thick-flat, slightly curved, and good quality.

All above Pole Beans— $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 30c, lb. 55c, 2 lbs. \$1.05, 5 lbs. \$2.50.

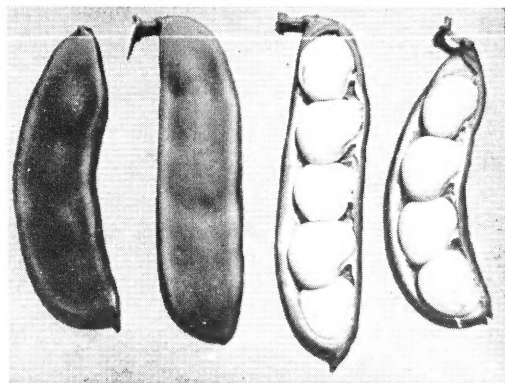
Kentucky Wonder Wax. 68 days. Plants very productive. Pods waxy-yellow, fleshy and tender.

$\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, lb. 65c, 2 lbs. \$1.25.



**Inoculate Beans
with Nitragin
Legume Bacteria**

It means increased yield—very simple process. **Garden size package (enough for 8 lbs.) 15c.** Also valuable for Garden Peas, Sweet Peas and Lupines.



Outer Pods, Fordhook. Inner Pods, Pole Limas

POLE LIMAS

Set 8 foot poles 4 feet apart each way, plant 4 to 6 beans to the hill, eyes downward. Thin out to 3 plants. One lb. plants 50-75 hills.

Challenger Improved (Fordhook Pole). 92 days. A potato lima, similar in pod and seed to Fordhook.

King of the Garden. 88 days. Very productive. Pods 5 to 6 inches long with 4 to 5 large beans.

Above—Two Varieties— $\frac{1}{4}$ lb. 20c, $\frac{1}{2}$ lb. 35c, lb. 60c, 2 lbs. \$1.15, 5 lbs. \$2.75.

DRY SHELL FIELD BEANS

Michelite Pea or Navy Bean. 90 days. The best of the small white beans, superior in yield and uniformity of seed size. Disease resistant.

Great Northern. 90 days. Larger seeded.

White Marrow. 100 days. Large rounded seed.

White Kidney. 95 days. Kidney shaped.

Dark Red Kidney. 95 days. Old favorite.

Bansei, Edible Soy Beans. 90 days. Best variety for North. Plants erect and of medium height, very prolific. Beans glossy yellow, of mild and pleasing flavor. Rich in vitamins, low in starch.

Prices All Field Varieties— $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 40c. (F.O.B. Canton Postage, Extra.)

ASPARAGUS SEED

Seed started this spring will grow roots large enough to produce cutting stalks by the third year.

Mary Washington. Resistant to rust and the most popular variety. Heavily productive of large green shoots of finest quality. One ounce will produce about 250 roots.

Pkt. 15c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

ASPARAGUS ROOTS

Mary Washington. Valuable Rust resistant variety in demand because of high yield and excellent flavor. **Strong 2 yr. roots. Prices on Request.**

GROW TENDER BEETS

Plant April to July, one ounce to 100 ft. of row

Beets thrive best in a light, loose, deeply worked soil that has been enriched for a previous crop, and that is not acid. Sow about 12 seeds per foot $\frac{1}{2}$ inch deep in rows 18 inches apart. Thin out to 3 or 4 inches apart when they are 2 inches high or they may be left until they reach 6 inches for use as "greens."

For late crops it is well to thoroughly soak the seed before sowing. This insures quicker and better germination. Cover late sowings a little deeper.

Beets need rich soil to develop roots quickly

Asgrow Wonder. 57 days. Unsurpassed in earliness, uniformity, and in depth of coloring. Roots round when young, semiglobular later, deep red, smooth, and of excellent quality.

Detroit Dark Red. 68 days. Roots are globular, with small tap root, flesh deep blood red, tender and sweet. The finest beet for home garden, canning, and for market.

Letherman's Green Top. 75 days. The leaves are bright green, often used for "greens;" the root is top-shaped, deep blood red, of fine texture without fiber or strings—sweet and tender at all stages.

Crosby's Egyptian. 60 days. Early, sweet, tender.

Early Blood Turnip. 68 days. An old time favorite.

Prices All Varieties Beets—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.10.

CAULIFLOWER

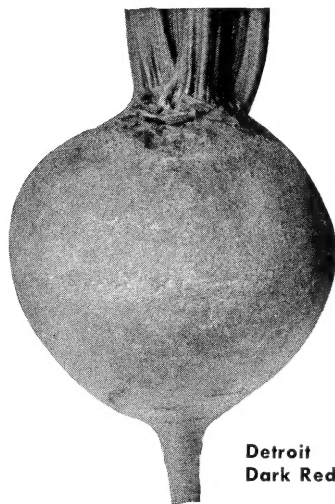
One ounce produces 1500 to 2000 plants

You will have the best Cauliflower growing it as a fall crop, sowing the seeds in a well prepared seed bed in June. Transplant when large enough and keep the plants growing steadily.

Early Snowball. 55 days. The best early variety. Compact, pure white heads of superb quality.

Snowdrift. 62 days. Slightly later and larger than Snowball. Does well under a wide range of conditions.

Either Variety—Pkt. 25c, $\frac{1}{4}$ oz. 90c, $\frac{1}{2}$ oz. \$1.60, oz. \$3.00.



Detroit
Dark Red

MANGEL OR STOCK BEETS

Golden Tankard. Large, yellow fleshed.

Mammoth Long Red. Most popular and heaviest yielder. White fleshed.

Either—Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

SWISS CHARD—SPINACH BEET

One ounce to 100 ft. of row

Sow early in spring in rows 18 inches apart and thin out to stand 8 inches apart in the row. The larger outer leaves are removed for use, and if too many are not taken at one time, the plants will continue to bear until late fall. The leaves are cooked like spinach. The thick mid ribs are excellent served like Asparagus.

Lucullus. 50 days. Thick crumpled light green leaves with pale green thick stems and midribs. Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c.

Rhubarb Chard. Deep green very crumpled leaves and crimson stem and ribs. Pkt. 10c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

BROCCOLI

Maturing in late fall is preferred to growing an early crop as they develop best in cool weather.

Italian Green Sprouting. If central head and sprouts are cut as they develop, plants yield over a long period.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$1.80.

BRUSSELS SPROUTS

One ounce will produce 2500 plants

Sow seed in hotbed or cold frame in March or early April for early crop. For late crop set plants in field late June or July.

Long Island or Half Dwarf Improved. Excellent variety growing about 20 inches high.

Pkt. 15c, $\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.40.

"Sprouts" and Broccoli—good for home freezing.

CABBAGE

Set early cabbage in field April and May. Set late cabbage in field June and July. One ounce will produce 3,000 or more plants.

Cabbage does best in rich soil. Sow the early varieties in March in boxes or hotbed, and harden off by gradually exposing to outside conditions. Transplant outside as soon as ground can be worked in rows 2 feet apart and 1½ feet apart in the rows. Sow late varieties in May or June and transplant in July.

EARLY VARIETIES

Copenhagen Market. 69 days. An early round headed variety, few outer leaves, short stem. Excellent for shipping, kraut, or home garden.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Early Jersey Wakefield. 63 days. Pointed head about 7 inches long; dwarf, compact, and very early.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Golden Acre. 64 days. An extra early selection of Copenhagen type. Plant dwarf and compact with few outer leaves; solid and very uniform.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Golden Acre Yellows Resistant. Same season and size as Golden Acre.

Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00.

Glory of Enkhuizen. 77 days. Large, round, solid heads, of excellent quality.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Marion Market. 79 days. Yellows Resistant Strain of Copenhagen. Slightly larger and later.

Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00.

CHINESE CABBAGE

Makes an excellent fall crop (cool weather) from July sowing. May be served like lettuce or when shredded it makes delicious slaw.

Chihli. 75 days. Heads are long, cylindrical, solid, sweet and tender.

Pkt. 15c, ½ oz. 25c, oz. 40c, ¼ lb. \$1.20.

CHICORY

Magdeburg or Coffee. Roots roasted and used as coffee. Leaves are good for salad in spring.

Witloof, French Endive. Seed sown in spring. Roots taken up in fall, stored in sand for winter forcing. Shoots are a great delicacy.

Either Variety—Pkt. 10c, ½ oz. 25c, oz. 40c.



Typical Head of Copenhagen Market

MIDSEASON AND LATE

Danish Ballhead. 103 days. Because of its great solidity and excellent keeping qualities it is the most popular winter variety.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Penn State Ballhead. 105 days. Extremely hard, large flattened globe shaped heads.

Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.40.

Savoy. 88 days. An improved drumhead type, uniformly savoyed, compact and firm.

Pkt. 15c, ½ oz. 45c, oz. 80c, ¼ lb. \$2.40.

Mammoth Rock Red. 100 days. Most popular red cabbage. Round very hard heads.

Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00.

Premium Late Flat Dutch. 100 days. Makes large flat solid heads of fine keeping quality.

Pkt. 15c, ½ oz. 35c, oz. 65c, ¼ lb. \$1.75.

Wisconsin Hollander No. 8. 105 days. The Yellows Resistant strain of Ballhead.

Pkt. 15c, ½ oz. 45c, oz. 85c, ¼ lb. \$2.40.

Wisconsin All-Season (Yellow Resistant). 95 days. Heads large, solid and excellent quality. Desirable for kraut, also a good winter keeper.

Pkt. 15c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.00.

To Control Cabbage Maggot and Cut Worms

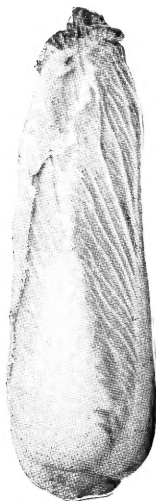
Spread Chlordane Dust around plants immediately after setting. Dust with Rotenone for Cabbage Worms.

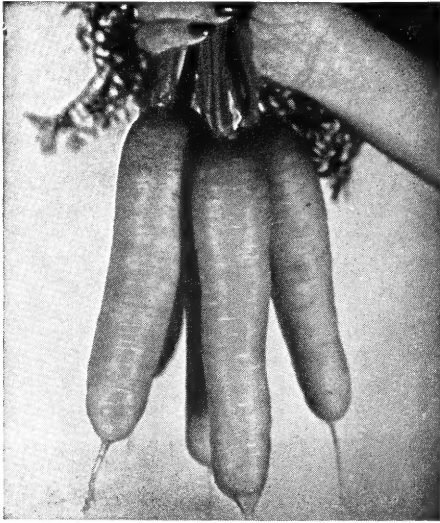
COLLARDS—Georgia. A non-heading type of cabbage, widely used for greens. Withstands heat.

Pkt. 10c, oz. 20c, ¼ lb. 60c.

CURLED CRESS—Pepper Cress. A cress of pungent flavor used for salads and garnishing.

Pkt. 10c, oz. 30c.





Carrot, Nantes Imp. Coreless

Imperator. 77 days. Length 8 inches. Tops are medium and just right for bunching. Roots are long, slender, have rounded shoulders and taper to a semi-blunt end. Flesh is rich orange, fine grained, tender and sweet.

Nantes Improved Coreless. 70 days. Length 6 inches. We have an excellent strain of Nantes, more popular each year because of its fine grained, tender quality, plus handsome appearance. Roots bright orange, slender, cylindrical and blunt ended.

CARROTS

Sow late April through June, $\frac{1}{2}$ oz. to 100 ft. of row

Carrots develop roots quickly in deep, well prepared fine soil that does not bake hard or crust. Make first sowing in late April spacing seed quite thickly, and covering $\frac{1}{4}$ to $\frac{1}{2}$ inch deep. Thin out to stand 2 to $2\frac{1}{2}$ inches apart. As carrots are best when still small make several sowings.

If your soil is heavy, grow shorter root varieties, the long slim ones for deep loose soil.

FOR HOME FREEZING, we suggest **Chantenay Red Cored** and **Nantes**.

Airliner. 75 days. A long, slender root of excellent quality. Short, strong top for easy bunching.
Pkt. 15c, oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.20.

Chantenay Red Core or Coreless. 72 days. Length 5 inches. Roots are somewhat shorter than Improved Chantenay so more desirable on shallow soils; flesh reddish orange with indistinct tender core.

Chantenay Improved Long Type. 72 days. Length 6 inches. A popular all-purpose variety. Roots deep orange, smooth, tapered, stump-rooted; flesh deep orange. Fine quality.

Danvers Red Core, Coreless Strain. 75 days. Length 7 inches. An outstanding strain of the Danvers type, of better quality and slightly longer than original.

Prices All Varieties Except as Noted—Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

CELERY

For early set plants in May. For late set plants in July
One ounce produces 8,000 to 10,000 plants

Emperor. A dwarf variety with dark green foliage. Stalks thick, broad and tender. Excellent green celery for late fall or winter.

Pkt. 15c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$1.30.

Giant Pascal. A green variety for fall and winter use. Plant stocky with dark green leaves. Stalks long, broad and solid.

Pkt. 15c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 50c, oz. 90c.

Summer Pascal—Special Strain. The outstanding green celery. Very easy to blanch and of finest quality. Plant green, medium height with nearly round, smooth, crisp heavy stalks of delicious nutty flavor. For either early or late crop and we highly recommend it.

Pkt. 20c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.25, oz. \$2.40.

Celeriac, Smooth Prague. A turnip-rooted celery used for celery flavoring in soups.

Pkt. 15c, $\frac{1}{4}$ oz. 30c, $\frac{1}{2}$ oz. 55c, oz. \$1.00.

For Celery soil should be rich and well prepared with a constant supply of moisture maintained. Sow the seeds in beds or boxes during March or April, transplant to other beds or boxes in finely prepared rich soil when plants are 3 to 4 inches high, 3 inches apart each way. In June or July transplant to the garden. Do not cover celery for blanching in warm weather.



Our Celery Strains As Grown Commercially

SWEET CORN

Only corn that is served within an hour or two after gathering is really corn at its best. Only when you grow your own is this possible.

Plant May (warm soil) to July 1st
One lb. to 200 ft. of row, 12 lbs. per acre

Plant 5 to 6 seeds per foot, thinning out later so that plants stand 9 to 10 inches apart. Fertilize deep before planting and side dress with fertilizer a couple of times as the corn is growing. Do not hoe or cultivate deeply as roots are shallow. Pull the soil up around the stalks to hold moisture below and to brace them. It is better as far as pollenization and yield is concerned to plant one variety in 3 or 4 parallel rows rather than one long row.

For Home Freezing. **Golden Cross Bantam**, **lochief**, **Erie** and the **White Hybrids** are excellent. In the open Pollinated varieties choose **Golden Bantam** and **Stowell's Evergreen**.

HYBRID YELLOW VARIETIES

Listed in order of earliness, the number of days to picking after the name. However, these dates are comparative only, depending on varying conditions.

Golden Beauty—All-America Award

New early yellow variety valuable because of good quality, yield, disease resistance and nice appearance. Earlier than Marcross, main crop in 73 days.

1/4 lb. 25c, 1/2 lb. 40c, lb. 75c, 2 lbs. \$1.45.

Seneca Dawn. 70 days. Does very well in Ohio, producing extra large ears for an early 12 to 16 rowed, 7 1/2 inches long and good quality.

1/4 lb. 25c, 1/2 lb. 45c, lb. 85c, 2 lbs. \$1.65.

Spancross C13.3. 71 days. Valuable when earliness is the first consideration.

Marcross C13.6. 76 days. Short, sturdy stalks, highly resistant to wilt. Long, plump ears tapered at tips with 10-14 rows of cream-yellow kernels.

Gold Rush. 78 days. Large ears for an early variety, 12 to 14 rowed, 8 inches long. Delicious to eat.

Carmelcross. 79 days. Excellent for home garden, market or canning and very vigorous and productive for an early variety. Medium size ears, 12 to 14 rows.

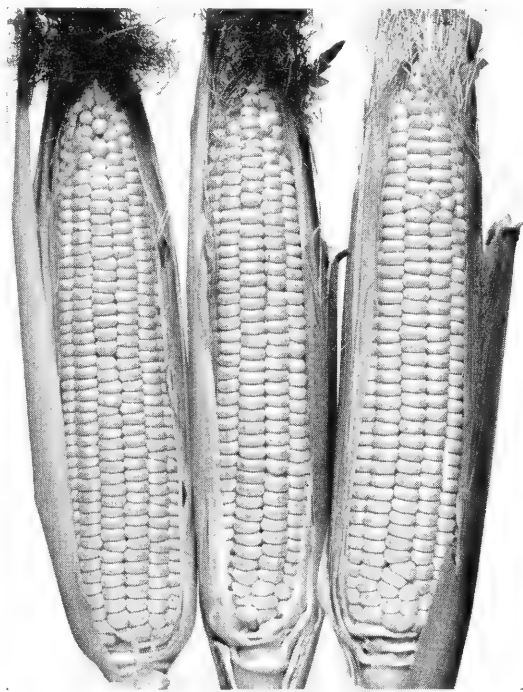
Lincoln. 83 days. Vigorous, well foliaged plants with long tapering ears well filled to the tips. 12 to 16 rows of bright yellow kernels.

lochief. 85 days. Produces large ears of excellent eating quality.

Golden Cross Bantam. 85 days. The standard yellow hybrid for home and market garden. Excellent quality. Ears 10-14 rowed, with rich yellow kernels.

Prices All Yellow Hybrids except as noted—
1/4 lb. 20c, 1/2 lb. 35c, lb. 65c, 2 lbs. \$1.25, 5 lbs. \$3.00.

Sweet Corn prices are not prepaid.



Golden Cross Bantam

Erie. 88 days. Erie produces beautiful long cylindrical, slightly tapered ears, 12 to 14 rowed, well filled to the tips. The quality is excellent.

Ohiogold 1. 91 days. Gives the grower the combination of high yield with excellent quality. The tall rugged stalks produce long ears of 12 to 14 rows of kernels.

HYBRID WHITE VARIETIES

Stowell's Evergreen Hybrid 14 x 5. 93 days. Tall, sturdy stalks with ears borne about 4 feet from the ground. Ears are large and slightly tapered with 16-18 rows.

Country Gentleman Hybrid 8 x 6. 99 days. Ears average 8 inches long, kernels in irregular rows.

Prices All Hybrid White Varieties—1/4 lb. 25c, 1/2 lb. 40c, lb. 75c, 2 lbs. \$1.45.

GROW POP CORN

Purdue Hybrid 31. The best yellow Pop Corn in yield, popping expansion, and eating quality.

1/4 lb. 25c, 1/2 lb. 40c, lb. 75c, 2 lbs. \$1.45.

Minhybrid 250. The best white, hullless Pop Corn. Grower's praise its excellent quality.

1/4 lb. 35c, 1/2 lb. 60c, lb. \$1.10, 2 lbs. \$2.10.

Giant Yellow (South American Giant T.N.T.). 100 days. Pops out very large.

White Rice. 90 days. Heavy yielding, white kernels.

Hulless. 85 days. Small eared. Pops out very tender.

Above 3 Varieties—1/4 lb. 15c, 1/2 lb. 25c, lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75.

OPEN POLLINATED SWEET CORN

YELLOW VARIETIES

Golden Sunshine. 74 days. Ears have 10-12 rows, with medium kernels.

Golden Bantam. 79 days. Short stalks, often have 2 ears. Ears are 8 rowed with broad, sweet, tender kernels. For sweetness Golden Bantam is unbeatable.

Golden Bantam, Improved 10-14 rowed. 82 days. Larger than Golden Bantam and kernels remain tender longer. Kernels deep and sweet.

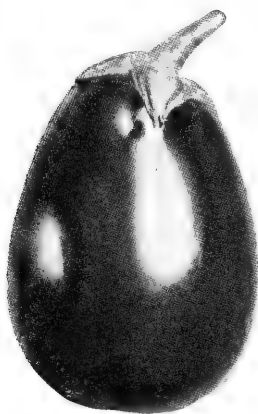
Bantam Evergreen. 95 days. A late yellow variety with 14-18 rows of rich golden yellow, deep, sweet kernels.

SWEET CORN PRICES

Prices on all Open Pollinated Varieties $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 40c, 2 lbs. 75c, 5 lbs. \$1.75.

Corn Borers on Sweet Corn

Are controlled by spraying or dusting with DDT, applied as the egg masses appear on the leaves. See our Insecticide pages for the best DDT formulations.



Black Beauty

ENDIVE

Sow seed in April for early use, or for late use in June or July. When 2 or 3 inches high, transplant or thin to 8 inches apart. To blanch hearts, raise leaves and tie together over heart.

Batavian Full Heart. 71 days. Inside leaves crisp and tender, forming a rather solid head which blanches creamy white.

Green Curled Ruffec. 76 days. Leaves are finely cut giving it a mossy appearance. The full center blanches readily to white.

Large Green Curled—Pancalier or Pink Ribbed. 76 days. Large with coarsely toothed leaves forming a good blanched heart. Midribs tinged rose.

Prices—Any Variety. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c.

WHITE VARIETIES

Howling Mob. 83 days. A prolific variety for the home garden. Ears 12-16 rowed with plump white kernels.

Stowell's Evergreen. 95 days. Most popular late variety for home and market gardeners. Large ears 16-20 rowed. Quality is excellent and it holds well in prime condition at the eating stage.

Aunt Mary's. Gardeners who grow this corn say it's the sweetest of the sweet. Fairly late.

Country Gentleman, Shoepeg. 95 days. A prolific variety. Kernels are set irregularly, are deep, slender, and very sweet.

Please note that prices on Sweet Corn, Beans, and Peas are not prepaid, because of sharply increased postal rates. Please see page 1.

Weeds in Sweet Corn

May be controlled by proper use of 2, 4D Weed Killers. If you have a large planting get our concentrated 2, 4D in gallons. For small plantings use the home garden containers same as for lawns.

DANDELION

Improved Thick Leaved. Hardy perennial form with broad leaves, superior to native. Cover seed lightly.

Pkt. 15c, $\frac{1}{4}$ oz. 60c, $\frac{1}{2}$ oz. \$1.10, oz. \$2.00.

DILL

Long Island Improved. Used for flavoring pickles and vinegar. Sow in early spring covering seed about $\frac{1}{2}$ inch.

Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

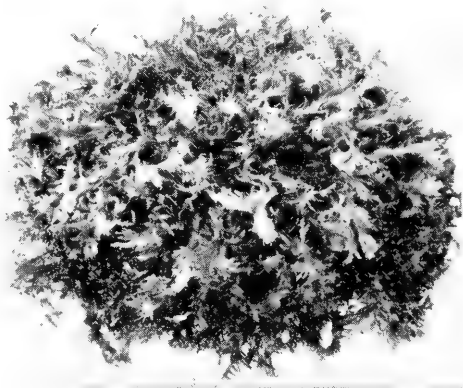
EGG PLANT

Sow seed in March in hotbed or seed boxes. When 3 inches high transplant into small pots. Plant outdoors when weather is warm.

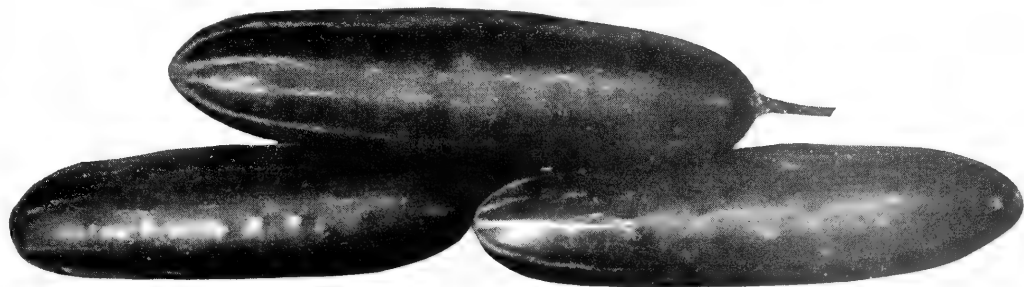
Black Beauty. 80 days. Large, purplish black fruits, solid, tender and of good flavor.

New Hampshire Hybrid. 70 days. An early market variety.

Price, Either Variety—Pkt. 15c, $\frac{1}{4}$ oz. 40c, $\frac{1}{2}$ oz. 70c, oz. \$1.30.



Endive, Green Curled Pancalier



Marketer, For Both Quality and Appearance—The Best

CUCUMBER

New Hybrid Cucumbers

The value of the Hybrid Cucumbers lies in the vigor of the plants, their disease resistance and correspondingly heavy yield, even under adverse conditions.

Early Surecrop Hybrid. 58 days. An All-America Winner for 1951. Early, yielding good fruits in 2 months or less, and continuing over a long period. The fruits average 8 to 8½ inches long, 2½ inches in diameter. Flesh is crisp, tender of excellent flavor.

Burpee Hybrid. 60 days. The fruits average 8 inches in length with crisp flesh. A heavy cropper.

Either Hybrid—Pkt. 30c, ⅛ oz. 85c, ¼ oz. \$1.50.

Marketer—Top Market Variety

Marketer. 61 days. Early and noted for its rich dark green color, handy size, slender shape and fine crisp flesh. Vigorous and prolific vines make this valuable for early market or home garden.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

Cubit. 60 days. Deep green, cylindrical fruits, averaging 8½ to 9 inches long, are blunt ended with small seed cavity, superb for slicing.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

Our Pickle and Melon Dust

Protects your plants against insects and diseases attacking Cucumbers. See Insecticide pages.



Producer—Heaviest Yielding Pickler

Plant late May to July 15. 1 oz. plants 100 hills

Plant after soil has warmed up in hills 3 ft. apart with rows of hills 5 to 6 ft. apart. Place 8 to 10 seeds in a hill, thinning out later to 3 good plants. Watch closely for insects, dusting or spraying regularly. Pick the fruits as soon as ready to keep vines bearing.

Standard Slicing Cucumbers

Arlington White Spine. 62 days. Favorite variety, early and productive.

Pkt. 10c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

Improved Long Green. 67 days. A very prolific variety for the home garden. Fruits deep green, straight, very crisp. For pickling or slicing.

Pkt. 10c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

Straight 8. 66 days. Fruits 8 inches long, cylindrical.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

White Wonder. 90 days. Fruits about 7 inches long, smooth and ivory white.

Pkt. 10c, oz. 30c, ¼ lb. \$1.00, lb. \$3.00.

The Best Picklers

Producer Pickling. 54 days. A white spine pickling variety that out-yields all others. The fruits are produced in clusters, dark green in color, slightly shorter than National Pickling.

National Pickling. 56 days. Very uniform and valuable variety for small pickles. Fruits dark green, symmetrical and blunt ended.

Boston Pickling. 58 days. Prolific early.

All Above Varieties—Pkt. 10c, oz. 30c, ¼ lb. 90c, lb. \$2.75.

HORSE RADISH ROOTS

We will have good strong root divisions for spring sale. Please ask for prices then.

KALE

Sow early in Spring or in June for fall crop. Frost improves the quality. ¼ oz. to 100 ft. of row.

Dwarf Green Scotch. 55 days. A handsome plant with wide spread plummy dark green leaves, fine curled and frilled.

Pkt. 10c, oz. 35c, ¼ lb. \$1.00.

KOHL RABI

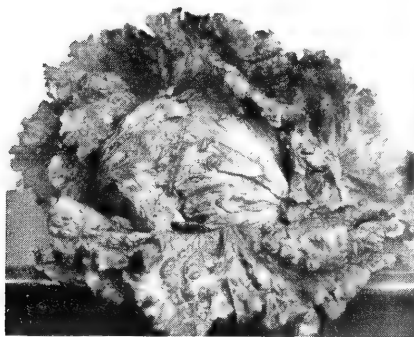
½ oz. to 100 ft. of row

Can be planted in succession from early spring to August 1. Thin out to stand 4 inches apart. Kohl Rabi is tender only while young.

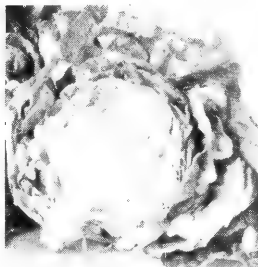
Early White Vienna

Purple Vienna

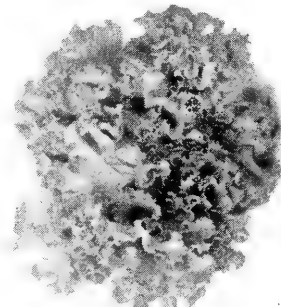
Either—Pkt. 15c, ½ oz. 30c, oz. 50c.



Pennlake, Imperial Type



Bibb



Grand Rapids

LETTUCE

Sow seed April, May and August
1/2 oz. plants 100 ft. row

To grow head lettuce early, sow seed in March in boxes, flats, or hotbed. When an inch high, transplant to coldframes. From there set out in the garden as soon as the soil is warm in rows 12 to 18 inches apart and 7 inches apart in the rows. Where there is no hotbed, sow seed outside in April and transplant.

IMPERIAL HEAD VARIETIES

Crisp heading, heat resisting varieties, that keep their fresh appearance for shipping or local market. Shipped in as "Iceberg."

Pennlake. All-America Award Winner. Selected from Great Lakes, slightly smaller. Very fine quality, uniform header and slow to bolt.

Pkt. 15c, 1/2 oz. 40c, oz. 75c, 1/4 lb. \$2.25.

Great Lakes. 83 days. Home gardeners report they get fine large heads of Great Lakes even under adverse conditions. Heavy and compact.

Pkt. 15c, 1/2 oz. 40c, oz. 75c, 1/4 lb. \$2.25.

Imperial 44. 82 days. Solid, well formed crisp heads, seldom fail to develop.

Pkt. 15c, 1/2 oz. 35c, oz. 65c, 1/4 lb. \$2.00.

OTHER HEADING VARIETIES

Bibb. 60 days. Small heads with crisp creamy white yellow inner leaves. Bibb is delicious, having unusual flavor and quality. Seems to be its best on soils containing plenty of lime.

Pkt. 15c, oz. 50c, 1/4 lb. \$1.50.

Big Boston. 75 days. Old favorite. Light green tinged bronze with buttery yellow hearts.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

Crisp as Ice. 74 days. Medium sized compact heads' deep green tinted with bronze. Sure heading.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.50.

Imp. Hanson. 80 days. Heads large, compact and tender. Leaves light green; white crisp heart.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

Iceberg. 84 days. For home gardeners, not to be confused with Imperial "Iceberg." Heads crumpled, light green leaves tinged red.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

LOOSE LEAVED LETTUCE

New Lettuce Salad Bowl

Forms a rosette of rich green leaves which withstands heat and sun without "bolting," even better than Oakleaf. Salad Bowl makes a very attractive loose head for the table or for market, retaining its fresh appearance and tenderness, and its high eating quality.

Pkt. 15c, 1/2 oz. 45c, oz. 80c, 1/4 lb. \$2.25.

Black Seeded Simpson. 46 days. Most popular for home garden. Crumpled, frilled leaves are crisp and tender.

Grand Rapids. 43 days. One of the most popular loose leaved varieties. Excellent for early planting outside, and for greenhouse forcing.

Oak Leaf. 45 days. Excellent summer heat resisting lettuce as the leaves retain their good flavor and tenderness without getting bitter. Attractive dark green "oak leaf" leaves.

Pkt. 15c, oz. 50c, 1/4 lb. \$1.50.

Prizehead. 47 days. A crisp variety and fine for home gardens as it grows quickly, making a lot of good eating leaves. Leaves curly, tinged red.

Slobolt. 43 days. As name implies it is very slow to go to seed even in hot, dry weather. Like Grand Rapids in leaf.

Pkt. 15c, 1/2 oz. 35c, oz. 65c, 1/4 lb. \$2.00.

Prices All Above Varieties Except as Noted—
Pkt. 10c, oz. 30c, 1/4 lb. 85c, lb. \$2.50.

Cos or Romaine Lettuce

Paris White. 66 days. Head compact with greenish white interior leaves.

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

LEEK ONIONS

Plants have long fleshy stalks instead of bulbs. Excellent for soups and salads. Sow in early Spring, thinning out to 3-4 inches apart.

Large American Flag. An early popular sort.

Pkt. 15c, 1/2 oz. 40c, oz. 75c.

MUSKMELONS

Plant late May or June. 1 oz. plants about 100 hills

Muskmelons like light, well enriched soil. Plant 8 to 10 seeds in a hill spacing hills in a row 3 to 4 feet apart and the rows 6 feet apart. When the plants come up thin to 3 to 4 plants per hill.

Pennsweet—New All-America

Awarded a medal as a heavy yielding, very early small size melon with sweet thick flesh. The quality rates very high, sugar content close to 15 per cent. An ideal melon for the home garden.

Pkt. 25c, ½ oz. 40c, oz. 75c.

Golden Delight. 90 days. Fine, medium sized melon slightly elongated, averaging 4-5 inches in diameter, 6-7 inches in length. Compared with Pride of Wisconsin. Delight is earlier, more productive and of even better eating quality.

Pkt. 15c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

Granite State. All-America Award Winner in 1951. Granite State is an extra early, heavy yielding melon of the Honey Rock type. Well netted, medium small, with thick sugar-sweet salmon flesh.

Pkt. 15c, oz. 50c, ¼ lb. \$1.50, lb. \$4.50.

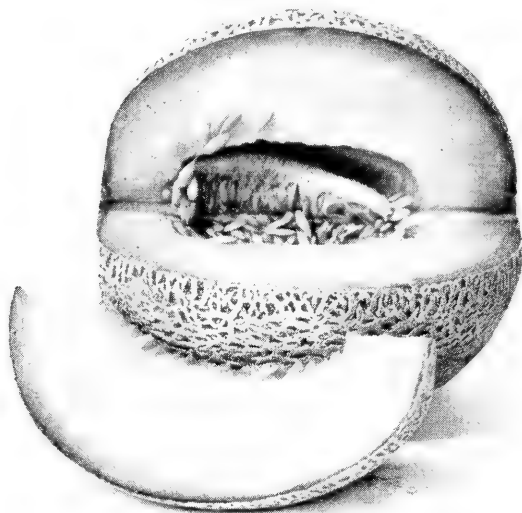
Bender's Surprise. 90 days. Good sized thick oval melons averaging about 7 lbs. It is coarsely netted and ribbed with hard greenish yellow skin at maturity. The flesh is thick, bright salmon in color and of delicious quality.

Delicious or Early Bender. 83 days. As compared with Bender's Surprise, Delicious is smaller (averaging 5½ lbs.), a week earlier.

Hales Best No. 36. 80 days. The earliest shipping cantaloupe. Fruits 3-4 lbs. with thick, salmon colored flesh of fine spicy quality.

Hearts of Gold. 90 days. A medium sized nearly round melon with fairly distinct ribs and heavy close netting. The orange salmon flesh is thick, sweet and spicy.

Honey Rock (Sugar Rock). 81 days. Deep orange flesh, very thick, of delicious spicy flavor, different from all other sorts. Fruits are round, attractive, heavily netted without ribs. Good for home use and early local markets.



Hale's Best No. 36

Pride of Wisconsin. 90 days. A cross of Honey Rock and Hearts of Gold. Orange flesh, solid and thick, with small cavity, very sweet and of fine flavor.

Rocky Ford. 92 days. Green fleshed variety.

Tip Top. 90 days. Fruit large, slightly oval, evenly ribbed and slightly netted. Flesh bright salmon, sweet and delicious. Splendid for home gardens and local markets.

Prices All Varieties Melon—Except as Noted—
Pkt. 10c, oz. 35c, ¼ lb. \$1.10, lb. \$3.40.

MUSTARD

½ ounce will sow 100 ft. of row

Used for grzens like spinach. Sow seed in very shallow rows about 2 inches apart, thin out plants to stand 6 to 8 inches apart. For a continuous supply make frequent plantings.

Florida Broad Leaf. A smooth leaved variety of extra fine quality and very large thick leaves.

Southern Giant Curled. Light green leaves, curled at edges, tinged with yellow. Slow to bolt.

Either Variety—Pkt. 10c, oz. 20c, ¼ lb. 60c.

HOTKAPS INSURE EARLIER AND LARGER CROPS

With the use of Hotkaps as protection against frost and other elements you can set plants out earlier—helping you to beat the neighborhood with early crops. Hotkaps are especially desirable for use with Melons, Cucumbers, and other frost tender crops.

25 Kaps with fiber setter for \$.95
100 Kaps with fiber setter for 3.15
250 Kaps with fiber setter for 5.90
1000 for \$18.35; 5000 at \$18.20 per 1000.
Steel Setter—Each \$1.95.

Above Prices are F.O.B. Canton

WATERMELONS

Plant late May or June. 1 oz. plants 25 hills

Watermelons do best on light, sandy, well-drained soil which warms up early. The hills should be 6 to 8 feet apart. Plant 10 to 15 seeds to each hill. Plant when soil is warm and thin out to 3 of the strongest plants to the hill.

Note that with descriptions we give number of days required to grow edible melons. In the vicinity of Canton it is safe to select the earlier varieties that mature in 85 days or less. For the earliest crops start seed indoors in pots or berry baskets.

New Hampshire Midget

Midget is the finest of the small "ice box" melons. It is primarily for Northern gardens, where earliness is necessary. Midget is not only early, but is very prolific. The fruits average 6 inches through and weigh up to 6 lbs. The rind is thin and the red flesh is of excellent flavor.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Rhode Island Red

A new variety maturing early, 75 days, and of medium size, so nice for home gardens. It is the shape and coloring of Dixie Queen also with the tough rind of that variety. Melons run 8 to 12 lbs. double the weight of New Hampshire Midget. The flesh is red, crisp of excellent flavor.

Pkt. 15c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Cole's Early. 75 days. Our earliest melon. Medium size, striped, oval fruits.

Congo. 90 days. Anthracnose resistant. Fruits are large, semi-long, dark green with darker stripes. Flesh is firm, bright red and sweet.



Dixie Queen

Dixie Queen. 85 days. Fruits weigh 30-40 pounds, and more round than oval, light green with dark stripes. Flesh is bright red, crisp and sweet.

Early Kansas. 80 days. Produces large fruits (30-35 lbs.) for an early variety and is a heavy yielder of nearly round, striped fruits. The bright red flesh is of fine flavor.

Kleckley's Sweet Improved. 85 days. Unexcelled for home garden. A large, yet early, long, deep green melon of superb quality.

Winter King and Queen. 90 days. This novel melon will keep several weeks if properly stored. Flesh is crisp and sweet. Fruits round, pale yellowish green faintly striped.

Prices All Varieties Except as Noted—Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.75.

OKRA or GUMBO

1 ounce will sow 50 ft. of row

Clemson Spineless. Very uniform, rich green, long podded spineless strain. Plants medium height.

Dwarf Green Perkins Spineless. 50 days. Early and prolific dwarf variety with large dark green pods.

Either Variety—Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

Pickle and Melon Dust

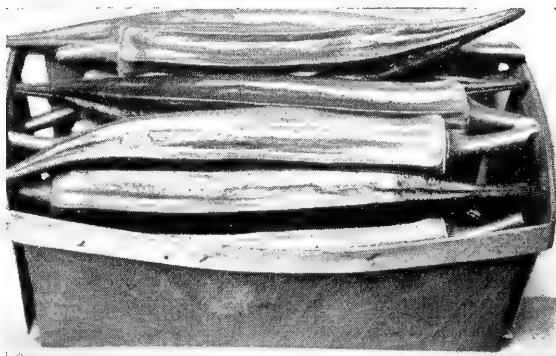
Protects vine crops from Insects and Disease. Use it on your melons.

ONION SETS

Yellow—White—Golden Globe

Good firm sets. Order yours early. Onion Plants also available in Spring.

ONION SEED—See next page.



Okra, Clemson's Spineless

PEANUTS

Improved Virginia Jumbo. A large prolific and easily grown variety.

Improved Spanish. A rather small early variety, of superior sweetness and flavor.

Either—Pkt. 15c, 1/2 lb. 40c, lb. 70c.

ONIONS

To Produce Mature Bulbs. Sow the seed in fine, rich, well drained soil, just as early as soil can be worked, the earlier the better. Sow in rows 12 to 15 inches apart covering seed about $\frac{1}{2}$ inch deep. $\frac{1}{2}$ oz. will sow a 100 feet of row, 4-5 lbs. per acre. Thin plants to stand 2 inches apart.

For Green Onions. Sow seed more thickly and pull to eat soon as required size.

From Plants. The largest bulb of the Sweet Spanish type are produced by setting out early, plants shipped in from the south, or you can raise plants by starting seed indoors. For big bulbs, space the plants 4 inches apart.

From Sets. The bottom sets may be used for growing "green" onions or for big bulbs. To develop big bulbs the smaller sets are used, planted about 1 inch deep, spaced 3 inches apart. For green onions plant 2 inches deep and 1 inch apart.

ASGROW HYBRID ONION

The Hybrid Onions are especially valuable because of the high yields and uniformity of the bulbs. The percentage of the US No. 1 Onions runs higher than with the standard onions.

Asgrow Hybrid Y40. 88 days. Yellow Globe type but earlier. Bulbs are globe shaped and mild.

Asgrow Hybrid Y42. 105 days. An earlier maturing Yellow Sweet Spanish type of onion. Bulbs are medium to large, fairly firm and mild flavored.

Either Hybrid—Pkt. 25c, $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 80c, oz. \$1.50.

Finest White Onions

White Sweet Spanish. 110 days. Largest white onion, with clear white globe shaped bulbs and firm mild flesh. Fair keeper.

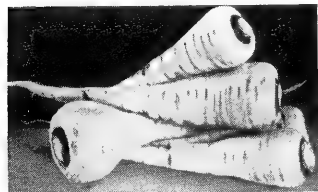
Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Southport White Globe. 110 days. Our strain of this standard mild white globe is unexcelled.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Nebuka, Evergreen White Bunching. A bulbless bunching variety, grown for its very long, pure white stems. The finest for green onions.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.



PARSNIP

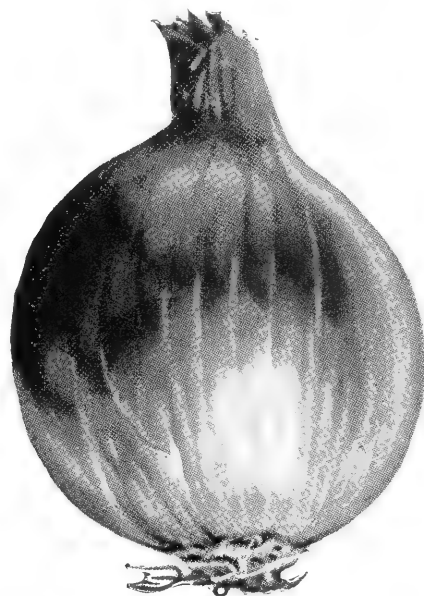
$\frac{1}{2}$ ounce
will sow a
100 ft. row.

Sow as early in the spring as weather will permit, in drills 18 inches apart and $\frac{1}{2}$ inch deep, in a rich, deep soil; thin out to 3 inches apart in the rows. The quality of the roots is improved by hard frost.

Harris Model. Clear white roots without stringiness and with little core.

Improved Hollow Crown. The most popular variety.

Either—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.00.



Southport Yellow Globe

Standard Yellow Varieties

Sweet Spanish, Utah Strain. 110 days. The best of the large Spanish type Onions. Its bright golden yellow color, excellent mild flavor and good keeping qualities make it very desirable.

Pkt. 15c, $\frac{1}{2}$ oz. 40c, oz. 70c, $\frac{1}{4}$ lb. \$2.10.

Southport Yellow Globe (Brigham Strain). 109 days. A late sort, valued because of its superior keeping qualities. Deep globe shaped, firm fine grained flesh.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Early Yellow Globe. 98 days. Earliest yellow globe, yet a good keeper.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Yellow Globe Danvers. 110 days. A very popular variety. A good keeper.

Pkt. 15c, $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

PARSLEY

$\frac{1}{2}$ ounce will sow 100 ft. of row

Sow the seed as early in the spring as the ground can be prepared, cover $\frac{1}{2}$ inch deep, with the fine soil pressed firmly down, allowing 18 inches to 2 feet between rows. Thin out plants when large enough to stand 4 to 6 inches apart. Parsley seed is very slow to germinate. Some growers soak the seed in luke-warm water a few hours before sowing.

Moss Curled or Triple Curled. Lighter green, taller and generally more productive than Paramount.

Plain. Bright green with flat leaves.

Hamburg Rooted. Forms thick, fleshy, edible roots, 8-10 inches long, used for flavoring.

Price Any Parsley Variety—Pkt. 10c, oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

PEAS

Plant Early. 1 lb. plants 75 ft. of row

Peas like cool weather so make first plantings as soon as the soil can be worked. Later plantings up to May 15th give good crops if hot dry weather does not come too early. A planting in mid-August usually gives a good fall crop. Plant the seed in trenches 2 to 3 inches deep, the later plantings even deeper, and then gradually cover as the plants grow. Space the rows 2 to 3 feet apart, depending on the variety.

For Home Freezing

Multifold, Freezonian, Thomas Laxton, Alderman and Asgrow No. 40 are among the best.

SMOOTH SEED, EXTRA EARLIES—For Earliest Planting

Alaska. 57 days. 28 inch vines. Pods filled with small sweet peas.
 $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 20c, lb. 35c, 2 lbs. 65c, 5 lbs. \$1.50.

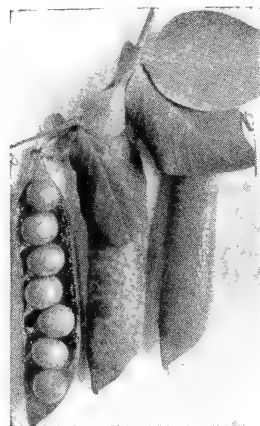
Early Bird. 61 days. 16 inch vines. Pods are large for an early variety and are tightly filled with good sized peas.

Early Tall Peas—Better if Vines are Supported

Freezonian. 63 days. 30 inch vines. Bred for freezing quality. This new variety is hardy and wilt resistant.

Thomas Laxton. 62 days. 36 inch vines. Very valuable for home or market garden and for canning or freezing. Bears tremendously and pods are large and well filled with peas of excellent quality.

Wando. 67 days. 28 inch vines. Wando stands hot weather better than other peas, so is valuable for the later plantings. Small pods and peas of excellent quality.



Little Marvel



Multifold

Early Dwarf Varieties

Little Marvel. 64 days. 18 inches. A great favorite because of high quality and because it is a sure big cropper. Pods 3 inches long, very plump and well-filled with 7 to 8 tender peas.

Notts Excelsior. 62 days. 20 inches. Pods very freely borne, average $2\frac{3}{4}$ inches long, tightly packed with 6 to 7 medium sized tender peas.

Early Dwarf Large Podded

Multifold. 66 days. 24 inches. A large and improved Hundredfold, blight resistant. Large deep green pods, peas of highest quality. For quick freezing, shipping or general garden use.

Laxton's Progress. 62 days. 16 inches. Largest podded of the dwarf varieties and extremely attractive for home or market garden. Pods are long (about $4\frac{1}{2}$ inches), very broad, curved and pointed and contain 7 to 9 large very sweet peas.

Laxtonian Improved. 63 days. 18 inches. Beautiful large podded dwarf of excellent quality. Plants and pods are dark green, broad, slightly curved and pointed; about $4\frac{1}{2}$ inches long filled with 7 to 8 large peas.

Mid-season and Late Peas

Alderman, Imp. Telephone. 74 days. 60 inches. Best of the late tall peas for home gardens, shipping or freezing. Resistant to wilt. Pods $4\frac{1}{2}$ to 5 inches, filled with 8 to 10 sweet peas.

Asgrow No. 40. 74 days. 28 inches. High quality late pea. Plants dark green, vigorous and wilt resisting. Pods long, pointed, curved at tip, containing 8 to 10 large peas.

Dwarf Telephone. 76 days. 24 inches. A productive variety, resistant to Fusarium Wilt. Plants are light green, with curved, broad pods containing 8-10 peas of fine quality.

Edible Podded Peas

These varieties have all the sweetness and flavor of fresh green Peas. When the pods are partly filled, they are prepared like snap beans.

Dwarf Gray Sugar. 65 days. 28 inches. Pods broad and curved. Seeds small, gray.

Mammoth Melting Sugar. 74 days. 54 inches. Large, brittle, stringless pods free from fiber. Seeds large, cream colored.

Black Eye Peas

The best of the type for northern gardens.

PRICES—All Peas Except as Noted— $\frac{1}{4}$ lb. 15c, $\frac{1}{2}$ lb. 25c, lb. 45c, 2 lbs. 85c, 5 lbs. \$2.00.
 Pea Prices are not postpaid because of advanced rates for mail delivery. See page 1.

PEPPERS

One ounce will produce 1000 to 1500 plants

Sow the seed in hotbed or window box about March 1. Transplant to the open ground when all danger of frost is past. Set plants in rows 3 feet apart, 2 feet apart in the row.

THE SWEET or MILD PEPPERS

California Wonder. 75 days. Most popular of all mild peppers. The plants are vigorous and productive. Fruits are mostly 4 lobed upright, very attractive, smooth and uniform. Deep green changing to crimson. The flesh is very thick, sweet, and mild.

Early Calwonder. 69 days. An early strain of California Wonder especially valuable when a week means extra money. Fruits slightly smaller but just as desirable and extremely uniform.

Golden California Wonder. Has the good qualities of California Wonder, but turns to rich, golden yellow. The best yellow sweet pepper.

Pkt. 15c, 1/2 oz. 70c, oz. \$1.35.

Yolo Wonder. 75 days. A somewhat larger, blocky type of California Wonder. Disease resistant, heavy yielding.

Pkt. 15c, 1/2 oz. 70c, oz. \$1.35.

Hungarian Sweet or Banana. 65 days. A mild sweet strain of the Long Hungarian type.

Pimento. 73 days. Plants large, erect and prolific. Fruits heart shaped, very smooth, with thick sweet flesh. Green changing to crimson.

Ruby King. 68 days. Fine home and market garden variety. Fruits large, 5-5 1/2 inches long and 3-4 inches across shoulders, tapering. Flesh thick and mild.

Sunnybrook. 73 days. Smooth tomato shaped fruits with thick mild flesh.

Price All Peppers Except as Noted—Pkt. 15c, 1/2 oz. 65c, oz. \$1.20.

THE "HOT" PEPPERS

Hungarian Wax. 65 days. An early, hot sort. Plants dwarf and medium, slender, smooth, tapering fruits. Fruits waxy yellow changing to crimson.

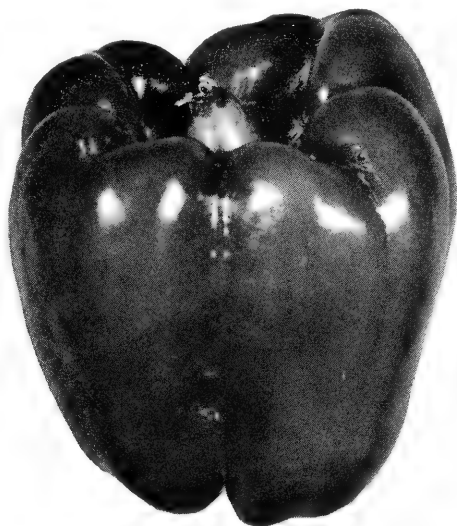
Pkt. 15c, 1/2 oz. 65c, oz. \$1.20.

Hungarian Short Rainbow Wax. 60 days. A shorter blockier type not as hot as Hungarian Long, and known also as Bulgarian or Roumanian. Upright fruits of waxy yellow color changing to bright red when ripe. Our own select stock.

Pkt. 15c, 1/2 oz. 70c, oz. \$1.35.

Long Red Cayenne. 70 days. A hot pepper about 5 inches long. Fruits narrow, tapering, often twisted, changing to red.

Pkt. 15c, 1/2 oz. 65c, oz. \$1.20.



Pepper, California Wonder

PUMPKIN

Plant May and June. One oz. plants 15 to 20 hills

Pumpkins will grow almost anywhere, but thrive best in rich soil. Plant in hills 8 to 10 feet apart, using 8 to 10 seeds to a hill. Plant seed 1 inch deep. Later thin to 2 or 3 plants to a hill.

Small Sugar or Pie. 108 days. The best for general use. Small size, averaging about 10 inches in diameter, of excellent keeping qualities. Flesh thick and very sweet.

Connecticut Field. 118 days. A cornfield variety. Large round, orange fruits with flattened ends. Used for pies or stock feed.

Orange Winter Luxury. 100 days. An early prolific variety for the home garden. Fruit larger than Small Sugar, round, slightly flattened, deep orange. Flesh is excellent quality.

All Above. Pkt. 10c, oz. 20c, 1/4 lb. 70c, lb. \$2.15.

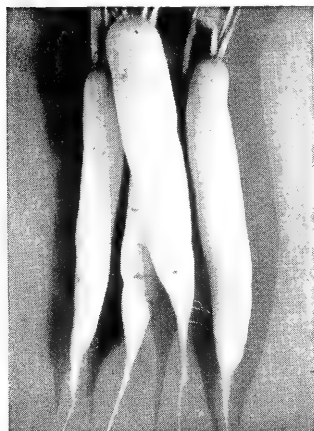
King of Mammoth. 120 days. The largest of all pumpkins. Grown chiefly for stock feeding and exhibition purposes.

Pkt. 10c, oz. 30c, 1/4 lb. \$1.00, lb. \$3.00.



Small Sugar Pie Pumpkin

Most
Home-grown
vegetables
are better
quality
than those
you buy.



White Icicle

Crimson Giant. 28 days. Grows twice the size of other forcing varieties, and stands longer without becoming pithy.

Early Scarlet Globe. 23 days. Most popular of all. Roots are globe-shape, slightly oblong, uniform, in size, shape, and attractive bright scarlet color; flesh white, crisp, tender and mild.

French Breakfast. 25 days. Olive shaped about 1½ inches long, deep scarlet with white tip.

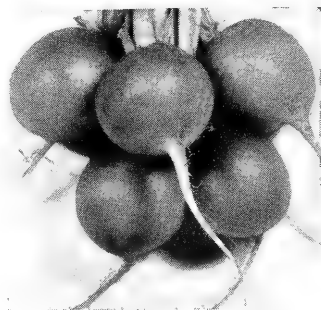
Long Scarlet, Short Top. Roots smooth, uniform, 5-6 inches long, tapering, with crisp flesh.

Prices Except as Noted—Pkt. 10c, oz. 20c, ¼ lb. 55c, lb. \$1.50.

RADISH

Radishes should grow quickly which means a rich not too heavy soil. Do not use manure as fertilizer. Make first plantings as early as soil can be worked fine and plant more at 10 day intervals for a succession. Early varieties reach edible stage in 4 to 5 weeks. Plant in rows 12 to 18 inches apart covering about ½ in. and thin out to stand 1 in. apart.

In good "quick" soil early Radish will produce edible roots in 3 to 4 weeks.



Early Scarlet Globe

Cherry Belle. Early round, bright scarlet radish, which stays crisp and firm days longer than other radishes that grow so quickly.

Sparkler (Scarlet Turnip White Tip). 26 days. Very attractive and popular. Almost globe shaped; carmine-red with distinct white tip; tender flesh.

White Icicle. 27 days. Finest and earliest long white variety, waxy white, brittle, mild and delicious flavor.

Winter Varieties—Sow in August

Can be stored for winter use.

Chinese Rose. Large. Skin deep rose, flesh crisp.

Chinese White. Larger and milder than Rose.

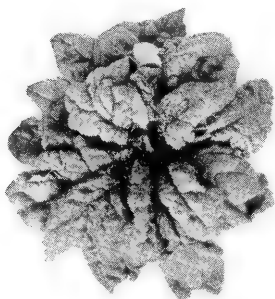
Long Black Spanish. Roots 7 to 8 inches long.

Round Black Spanish. Skin black, flesh white.

Prices All Varieties Winter Radish—Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

SPINACH

One ounce sows 100 ft. of row. 10 lbs. per acre



Bloomsdale

Spinach does best in the cool months and in rich moist soil. Make first sowing as soon as the soil can be prepared, repeat at 10 day intervals to May 15th. For fall use sow in September.

America. 50 days. Planted with early varieties America extends the cutting season, standing the sun and heat better, giving much heavier crops. Leaves are attractive deep glossy green, thick and crumpled.

Bloomsdale, Extra Dark Green. 40 days. The Bloomsdale strains are all vigorous, hardy, fast growing varieties with desirable thick crumpled leaves. This is an extra dark green selection.

Bloomsdale, Long Standing. 42 days. Though only a couple of days later, this strain holds for 10 days longer before going to seed.

Virginia Savoy, Blight Resistant. 40 days. Improved strain with deeper green, thickly crumpled leaves.

Prices All Varieties—Pkt. 10c, oz. 15c, ¼ lb. 30c, lb. 90c.

New Zealand, Tetragonia. 70 days. Not a true spinach but its small pointed leaves when cooked have the flavor of spinach. Thrives in summer without going to seed and forms new leaves after picking. Soak seed before planting.

Pkt. 10c, oz. 20c, ¼ lb. 40c, lb. \$1.20.

SALSIFY—OYSTER PLANT

Salsify is a delicious vegetable, surpassing in flavor both carrots and parsnips. It acquires a decided oyster flavor after a good frosting. Roots for winter use should be lifted in the fall, while those for early spring use may be left in the ground over winter. Sow early in spring as it requires the full season to mature.

Mam. Sandwich Island. Long, smooth, tapering uniform roots of delicate flavor.

Pkt. 15c, ½ oz. 35c, oz. 60c.

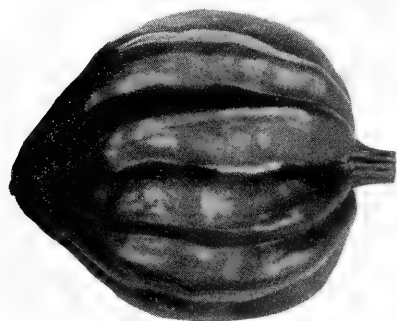


Table Queen



Butternut

Improved Hubbard
Our Strain is Very Fine

SQUASH

Plant late May and June

Summer or Bush varieties 1 oz. to 100 hills

A good rich sandy loam is best. Plant when soil is warm and frost danger past. Summer varieties plant in hills 3 to 4 feet apart each way. Plant 8 to 10 seeds per hill, thinning out to 3 good plants.

For Home Freezing

The Italian Marrows, Straightneck, Acorn, Butternut, Delicious and Hubbards are all good.

SUMMER OR BUSH VARIETIES

The Italian Marrow Type

These varieties are especially delicious when used in the "baby stage." Slice and fry them when small to appreciate their best flavor. When kept picked the vines bear all season.

Black Zucchini. 62 days. Fruits are cylindrical, long, smooth, dark green-black; flesh greenish white at eating stage and of good flavor.

Caserta. Outstanding for early and very heavy yield. Edible fruits are ready in 40 days. At full maturity fruits are 15 inches long 4-5 inches thick. Grayish green, striped darker green.

Cocozelle, Long. 65 days. Fruits long, cylindrical, and are best for the table when 6-8 inches long. Skin dark green changing to stripes of green and yellow as it ripens. Flesh thick, greenish white and good flavor.

Standard Summer Varieties

Yankee Hybrid. 50 days. Produces edible size squash earlier than any other variety and gives an excellent total yield. Clear waxy yellow, similar in size and appearance to Early Prolific Straightneck. Very good quality.

Pkt. 15c, 1/2 oz. 40c, oz. 70c.

Early Prolific Straightneck. 50 days. A very attractive strain, straight, early and very prolific. Fruits usable from the time they are 5 or 6 inches long until full grown at about 14 inches.

Early White Bush Scallop (Patty Pan). 52 days. An old favorite. Fruits creamy-white, round, flat.

Prices All Summer Squash Except as Noted—

Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$2.70.

WINTER OR VINING VARIETIES

2 ounces will plant 25 hills. Space hills 6 to 8 ft.

Acorn or Table Queen. 85 days. Fruits 6-8 inches in diameter. Sides ridged. Skin deep green. Flesh deep yellow, thick, dry and sweet.

Buttercup. 100 days. Turban shaped fruits 6 to 8 inches in diameter. It is outstanding for the flavor of the deep golden yellow, fine grained flesh. An excellent small winter squash.

Pkt. 10c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Butternut. 90 days. Many consider this the finest quality of all squashes. Flesh is dry and sweet and considering the size the edible portion is large, a small seed cavity in the bulb end only.

Pkt. 10c, oz. 40c, 1/4 lb. \$1.20, lb. \$3.60.

Green Delicious. 102 days. Top-shaped fruits, 7-8 lb. Skin dark green, with light green stripes toward blossom end; flesh orange, dry, of good flavor. An excellent keeper.

Blue Hubbard. 110 days. Large, round, and pointed at both ends. Flesh yellow-orange, thick, said to be the best of the Hubbards in eating quality.

Green Hubbard, Improved. 105 days. Standard winter variety. Skin dark bronze green, slightly warted. Flesh bright orange, dry and sweet.

Golden Hubbard. 100 days. Skin is orange red and heavily warted. Flesh deep golden yellow, fine grained and sweet.

Price Winter Varieties, Except as Noted—
Pkt. 10c, oz. 30c, 1/4 lb. 90c, lb. \$3.00.

RUTABAGA OR SWEDE

Rutabagas are best grown in cool weather, planted in the same manner as turnips, for fall use, but about 3 weeks earlier, in July.

American Purple Top Yellow. 90 days. The most popular variety for home or market gardens. Roots are large, globular, yellow with purple top. Flesh light yellow, firm, and of good quality.

Pkt. 10c, oz. 20c, 1/4 lb. 50c, lb. \$1.50.

TOMATOES

See following page for suggestions on starting seed

New Hybrid Tomatoes

Stokescross No. 4. 80 days. Early main crop, medium size, smooth tomato, 10 days ahead of Rutgers in ripening. It bears fruit over a long season, so excellent for home gardeners.

Pkt. 25c, 1/4 oz. \$1.00, oz. \$3.00.

Burpee Hybrid. 76 days. Main crop variety noted for its meaty flesh of rich flavor and heavy production. Fruits medium size, deep globe shaped, scarlet.

Pkt. (30 seeds) 35c, 3 pkts. 90c, 1/16 oz. \$3.00.

EARLY RED VARIETIES

Sioux, New Extra Early Red

Sioux gives you fruit to eat or sell in 70 days and the whole crop is ready very uniformly. It is of medium size, nearly globular, thick walled and practically free from hard core. Excellent flavor. The best if you want "first earlies" for your own table, and of course, gets early market prices.

Victor. 66 days. Valuable extra early, especially for market, as the crop ripens largely at the same time. Plants open. Fruits bright scarlet.

Break O'Day. 70 days. Fruits medium large, meaty and globe shaped. Has considerable resistance to wilt and nail-head rust. Open spreading plants.

Wisconsin No. 55. 73 days. A tremendous yielder, beating such well-known varieties as Stokesdale and John Baer. Larger and heavier also. Gardeners say it is the equal to Rutgers quality.

Prices All Above Varieties—Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 70c, oz. \$1.20.

MAIN CROP AND LATE REDS

Pritchard. 76 days. Fruits are good size, smooth, solid with thick walls. Plant self-topping, resistant to Fusarium wilt and rust.

Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 70c, oz. \$1.20.

Marglobe Certified. 77 days. Very popular main crop variety for shipping, canning, and home garden. Fruit medium large, globe shaped, smooth, solid with thick walls. Flavor mild with little acid. Resistant to disease.

Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 70c, oz. \$1.20.

Certified Rutgers. 86 days. A heavy cropper. Fruits globular, bright red, smooth, with thick walls and small seed cells. Ripens from the inside out. Fine flavor with low acid content.

Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 70c, oz. \$1.20.

Beefsteak. 90 days. Popular home garden main crop scarlet variety. Fruits extra large, flattened and fine quality. Contains few seeds.

Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 75c, oz. \$1.40.



Our Certified Marglobe

Ohio WR Brookston

A new wilt resistant, heavy yielding red tomato, slightly earlier than Rutgers and with a deep red interior color. Large fruits average 5 or 6 ounces under good growing conditions. Excellent for home gardens.

Pkt. 20c, 1/8 oz. 50c, 1/4 oz. 90c, oz. \$2.75.

MISCELLANEOUS TOMATOES

Italian—Nonacid. 80 days. This is the genuine large deep meaty fruited tomato with very few seeds and practically no acid in its flavor. We produce our own seed of this strain and it's good.

Pkt. 20c, 1/8 oz. 55c, 1/4 oz. \$1.00, oz. \$3.00.

San Marzano. 80 days. A small fruited Italian variety with very mild flavor. Largely used for canning, puree, and preserves.

Pkt. 20c, 1/4 oz. 65c, 1/2 oz. \$1.25, oz. \$2.40.

Oxheart. 90 days. Large heart shaped fruits, very solid and meaty, mild, with very few seeds.

Pkt. 15c, 1/4 oz. 50c, 1/2 oz. 90c, oz. \$1.75.

Ponderosa. 88 days. Most popular of the large late pink varieties. Fruits very solid, somewhat rough, with tendency to crack, few seeds and of inviting mild flavor.

Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 75c, oz. \$1.40.

Jubilee. 72 days. The best yellow. Fruits are bright orange-yellow, globular, thick-walled, with few seeds. Flavor is somewhat mild but not flat.

Pkt. 15c, 1/4 oz. 40c, 1/2 oz. 75c, oz. \$1.40.

"Blossom-Set" for Tomatoes

Sprayed on the blossom means earlier, meatier, and more fruits. Use it this year.

4 oz. Bottle (Makes 1 Gal.) 75c, Pt. \$1.75.

TOMATOES FROM SEED

One ounce of seed will produce 2500 plants

Tomato plants are usually set into the garden in late May or June. Earlier plantings are exposed to the danger of late frosts although protection by the use of Hotkaps is good insurance. Some gardeners prefer to take a chance on the frost in order to get some extra early tomatoes. It requires about 8 weeks from seed to produce plants large enough to set in the field. March is the usual time to start seeds in hotbeds or window boxes indoors. When 2 inches high transplant to flats 4 inches apart or in 3-inch pots. Transplant to open ground when danger of frost is past spacing 3 to 4 feet apart. Trained to stakes the fruits are of better quality and appearance and ripen earlier and more uniformly.

TURNIP

One ounce to 150 ft. of row.

For succession sow at intervals from April until the last week in May. For fall and winter crops sow in July or August, in drills or broadcast.

Snowball. 40 days. Medium sized, round, white.

Purple Top White Globe. 57 days. The most popular variety for home and market gardens.

Purple Top Strap Leaved. 46 days. A medium early variety with flattened roots.

Seven Top. Grown for the greens.

Pkt. 10c, oz. 20c, 1/4 lb. 45c, lb. \$1.25.

PLANT SOME HERBS THIS YEAR

Anise. 75 days. An annual, grown for the seeds, used in flavoring. Pkt. 15c, 1/2 oz. 40c, oz. 75c.

Basil Sweet. An annual plant, with spicy aroma. Pkt. 15c, 1/2 oz. 40c, oz. 75c.

Borage. 80 days. Annual. Fuzzy leaves used as pot herb and for flavoring. Pkt. 15c, 1/2 oz. 40c.

Catnip. Perennial. Young leaves used for seasoning, dried leaves for tea. Also grown for bees. Pkt. 15c, 1/4 oz. 40c, oz. \$1.20.

Chives. Perennial, belonging to onion family. Leaves used in salads, soups, and stews. Pkt. 15c, 1/4 oz. 50c, oz. \$1.70.

Sweet Fennel. 70 days. Annual. Seeds used for flavoring confections and medicines. Pkt. 15c, 1/2 oz. 40c, 1 oz. 75c.

Horehound. Perennial. Leaves used for seasoning and for cough medicines. Pkt. 15c, 1/2 oz. 50c.

Lavender. Perennial. Dried flower stalks are used in perfumes and for scenting linens. Pkt. 15c.

Rosemary. Perennial. Fragrant leaves used in seasoning meats, and the oils in perfume. Pkt. 15c.

Sage. Perennial. Has an aromatic odor and is commonly used for seasonings and medicines. Pkt. 15c, 1/4 oz. 45c, 1 oz. \$1.20.

Summer Savory. Annual. Leaves used for salads, and dried for soups, etc. Pkt. 15c, 1/2 oz. 50c.

Sweet Majoram. Tender perennial grown as an annual. Leaves used in seasoning. Pkt. 15c.

Thyme. Perennial. Strong aromatic odor. Used for seasoning, and in medicines. Pkt. 15c, 1/4 oz. 50c

Certified Seed Potatoes

Northern grown Maine and Michigan seed from inspected fields

Bliss Early Triumph. The earliest pink skinned variety. Tubers medium size, round, uniform in shape, flesh fine grained.

Irish Cobblers. The leading early variety, producing large crops of uniformly sized potatoes of the finest cooking quality.

Chippewa. While not classed as an extra early variety it sets its tubers early and may be used both for an early or late crop.

Kennebec. A tremendously heavy yielder and also a good eating potato. A white skinned round to oblong potato that will keep well in storage. Plants are highly resistant to blight.

Pontiac. Medium late, very heavy yielding, reddish skinned variety of good cooking quality.

Please Ask for Prices on Potatoes

Prices are not established at printing time. You will find our prices very reasonable on best quality seed.

Katahdin. Resistant to mild mosaic. Tubers are smooth and of elongated round shape with high cooking and keeping qualities. A week later than Chippewa.

Sebago. Very resistant to late blight so especially recommended for localities where blight is serious. A few days later than Katahdin.

Michigan Russet Rurals. One of the best potatoes to eat and a very long keeping late variety.

Potatoes in the Home Garden

1 peck of potatoes will plant 200 feet of row and should yield 4 to 5 bushels.

The potatoes are cut into pieces, each piece to have at least one good eye. Cut the seed pieces a week before planting to allow the cut sides to callous. Plant 4 inches deep in well enriched soil, spacing the seed pieces 8 to 10 inches apart.

For earliest crop plant Irish Cobbler or Bliss.



Growing Annual FLOWERS FROM SEED

Every home gardener can grow Annuals successfully, most kinds with very little difficulty and without special treatment. And annuals are very generous in the quantities of flowers they provide, both for cutting and for garden display.

When to Sow . . . Annuals

Annual Flowers are usually classified in three groups as to hardiness which of course means the amount of cold weather or frost they can stand. That in turn decides the dates at which it is safe to sow in the outdoor garden.

Of course sowing dates will vary with the season, also the location and type of soil.

Hardy Annuals

The seeds of these varieties and the plants themselves will stand cold soil and frosts. In fact some germinate better when cool.

Alyssum — Anchusa — Antirrhinum — Calendula — Calliopsis — Candytuft — Centaurea — Cyanus and Gymnocarpa — Clarkia — Cleome — Convolvulus — Cosmos — Dianthus — Eschscholtzia — Euphorbia — Var.—Four O'Clocks—Gaillardia—Gypsophila — Hunnemannia — Kochia — Larkspur — Lupine — Pansy — Petunia Hyb. — Phlox — Poppy — Rudbeckia — Stocks — Sweet Peas.

Half Hardy Annuals

These stand some cold though not heavy freezes.

Ageratum — Asters — Browallia — Carnation — Centaurea Imperialis — Cypress Vine — Dimorphotheca — Helichrysum — Marigold — Mignonette — Nicotiana — Portulaca — Petunia — Sanvitalia — Salpiglossis — Salvia — Far.—Scabiosa—Sunflower — Statice—Torenia—Verbena.

Tender Annuals

It is best not to sow the seeds in the outdoor garden until the soil is well warmed up and danger of frost is past.

Amaranthus — Balsam — Celosia — Dahlia — Chrysanthemum — Gourds — Lobelia — Nasturtium — Ipomea — Ricinus — Salvia Splendens — Schizanthus — Tithonia — Zinnia.

Starting Seed Indoors

To prolong the season of bloom many of the types that take a comparatively long time to develop are started indoors for setting outdoors when weather is suitable. Generally speaking the seeds are sown 6 to 8 weeks before planting outdoors. The time of starting depends upon the equipment you have to work with. With a small greenhouse you can, of course, accomplish more than you can with a few boxes in a south window. Some of the long season varieties, usually started inside, are Antirrhinum — Aster — Dahlia — Annual Carnations — Lobelia — Salvia — Verbena.

Soil Preparation

Proper preparation of the seed bed is very important as well as the time of sowing. It is difficult to germinate seed in heavy clay soil so if you have a choice, select locations with sandy loam soil, or lighten up the clay by digging in quantities of peat moss, strawy manure, sand, or even ashes, all materials which tend to loosen up soil so that it does not bake and is much easier to cultivate.

Peat Moss is of great value in all flower gardens. Worked in, it lightens heavy soil and makes sandy soil much better able to hold moisture. A 2 or 3 inch layer of Peat Moss used as a summer mulch will result in better flowers and plant growths by holding the moisture in the soil during dry spells and keeping down weed growth, and it also gives your flower beds a neat, clean appearance.

Hardy Annuals for Fall Sowing

This is done late in the fall just before the ground freezes. The seeds lay dormant over winter making a very early start in the spring. Work the soil fine, just as you would in the spring, sow the seed and after the ground freezes mulch the bed with a layer of straw or peat moss simply to prevent alternate freezing and thawing during the winter. Right over bulb beds is one good place to make fall sowings of early flowering annuals.

Alyssum — Anchusa — Antirrhinum — Balsam — Calendula — Calliopsis — Candytuft — Centaurea — Cyanus — Clarkia — Cosmos — Eschscholtzia — Four O'Clocks — Gaillardia — Gypsophila — Kochia — Larkspur — Nigella — Small Flowering Petunias — Shirley Poppy — Phlox — Portulaca.

Annuals for Semi-Shade

Alyssum — Balsam — Candytuft — Centaurea — Clarkia — Coleus — Cynoglossum — Mignonette — Nicotiana — Pansy — Petunia — Verbena.

Three excellent Perennials for semi-shade are Aquilegia, Forget-Me-Not and Viola.

Annuals for Poor Dry Soil

African Daisy — Balsam — California Poppy — Celosia — Calliopsis — Cleome — Four O'Clocks — Gaillardia — Kochia — Marigold — Nasturtium — Petunia — Poppy — Portulaca — Sweet Sultan.

Pick Flowers Frequently

With Annuals it seems that the more you pick, the more flowers are produced. When flowers fade and start to go to seed they take the strength out of the plants and flower production thereby suffers. If you want the flowers for garden display, at least snip off wilted blooms. The bed will be more profuse and cleaner looking.

ANNUAL FLOWER SEEDS



Ageratum, Midget Blue

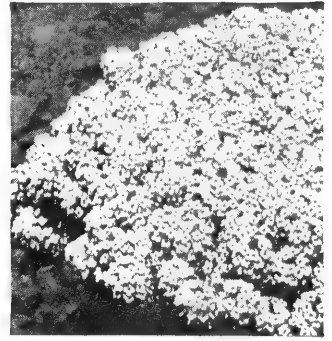
FOR BORDER DISPLAY

FOR BEDDING

FOR CUTTING

Annuals are very generous—

Giving Color All Summer



Alyssum, Carpet-of-Snow

Ageratum (Floss Flower)

Most popular dwarf blue flowering plants for edgings or borders. Easily grown in any fair garden soil. Excellent for rock gardens.

16 Midget Blue. Finest real dwarf variety. Compact plants only 3 to 4 inches high, covered with soft azure flowers.

Pkt. 20c, $\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.30.

18 Blue Perfection. Bushy plants 15 to 18 inches tall with good sized deep blue flowers. For the taller edging. Stems long enough for cutting.

Pkt. 15c, $\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c.

19 Blue Ball Improved. Uniformly about 5 inches tall with good sized soft blue flowers.

Pkt. 20c, $\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.30.

Alyssum for Edgings

The indispensable annual for borders and edgings. Grows well in practically any soil. Likes full sun.

28 Carpet-of-Snow. Finest very dwarf strain, well named, really a carpet of snowy white.

Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

29 Royal Purple Carpet. Low spreading plants covered with rich violet purple flowers adding an unusual shade to your borders.

Pkt. 20c, $\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.70.

25 Sweet White. 10 inches tall semi-trailing.

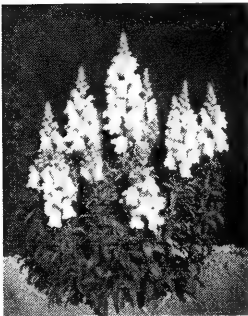
Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

30 Violet Queen. Dwarf compact violet blue.

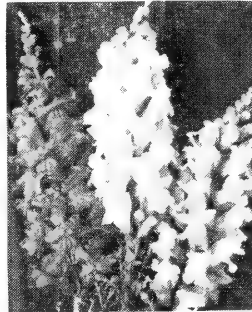
Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.80.

COLORFUL SNAPDRAGONS (Antirrhinums)

See the Tetra Snapdragons in Color
on the Back Cover



The Super Majestic



Giant Maximum "Snaps"

Super Majestic Snaps

Sturdy, medium tall plants, ideal for bedding. Large florets of rich coloring.

94 Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c.

Being hardy annuals "Snap" seed may be sown early outdoors in a prepared bed for later transplanting. Or start the seed indoors in March. As the plants reach 3 to 4 inches tall pinch them back (at least once) to induce branching and sturdy growth.

Giant Ruffled Tetra Snaps

An extremely vigorous, medium tall type with long spikes of large florets. See Color Plate on Back Cover.

63 Tetra Mixed Colors. A grand assortment.

Pkt. 20c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$1.80.

Giant Maximum—Rust Resistant

Tall growing, reaching up $2\frac{1}{2}$ to 3 feet with large long floret spikes. Gives beautiful cut flowers in many rich shades.

64 Giant Maximum Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25.

Also available in separate colors, viz: **Bronze, Crimson, Deep Rose, Pink, White, and Yellow** at 20c pkt., $\frac{1}{16}$ oz. 50c.

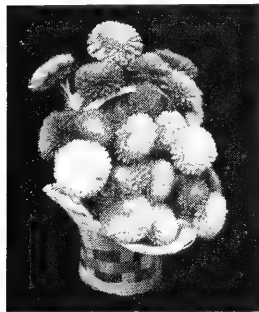


The Super Giant Type

FINE ASTERS

Start Aster Seed in March or early April indoors for plants to set out in May. For late summer and fall bloom sow seed in the garden when the soil is warm. Work the soil fine and transplant the seedlings when they are large enough to handle.

Do not grow Asters on the same plot each year. Change locations, and spray carefully to kill insects that spread disease.



Powderpuff Asters

Fully double flowers with quilled centers which are borne like big bouquets on the tops of the plants. The whole plant can be cut at one time if desired.

183 Powderpuff Mixed. Pkt. 20c, $\frac{1}{16}$ oz. 60c.

Wilt Resistant Super Giants

The largest and most fully double Asters known. The flowers are almost like chrysanthemums with long graceful petals, blooming late summer and fall on 3 foot plants.

109 Finest Mixed. Pkt. 20c, $\frac{1}{16}$ oz. 50c.

Early Giant Wilt Resistant

Earlier than Super Giants and dwarfer plants.

118 Finest Mixed. Pkt. 25c, $\frac{1}{16}$ oz. 50c.

Burpeeana Early Asters

The earliest blooming, with large, fully doubled and rounded flowers. Compact, upright plants carry many long stems from the base.

132 Burpeeana Mixed. Pkt. 25c, $\frac{1}{16}$ oz. \$1.00.



American Branching Type

American Branching—Resistant

Most popular type. Robust well-branched plants, free blooming and flowers of fine form. $2\frac{1}{2}$ to 3 feet tall.

Azure Blue

Crimson

Purple

Deep Rose

Shell Pink

White

Any Color—Pkt. 15c, $\frac{1}{8}$ oz. 50c.

174 American Branching Finest Wilt Resistant Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Princess Asters—Wilt Resistant

A very attractive new form, the flowers having a full crested center, surrounded by several rows of plume-like guard petals. Plants 2 to $2\frac{1}{2}$ feet tall, branching habit with good stems. Blooms in August.

197 Princess Mixed. Beautiful soft shades of peach, orchid, salmon, rose and yellow crested.

Pkt. 20c, $\frac{1}{16}$ oz. 45c.

Improved Crego—Wilt Resistant

This is the Comet or Ostrich Feather type of flower with gracefully curled and interlaced petals. Vigorous branching plants.

158 Crego Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Early Royals—Wilt Resistant

Best of the early types blooming in August. Plants branching $1\frac{1}{2}$ to 2 feet.

126 Royals Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 45c.

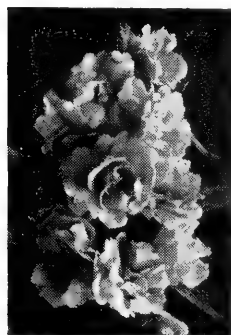
Early Beauty—Wilt Resistant

Large, full double flowers, borne on exceptionally long, strong stems. When cut, the flowers stay fresh in water for a long time. Blooms in September.

142 Beauty Mixed. Pkt. 20c, $\frac{1}{16}$ oz. 40c.

190 Letherman's Special Mixed Asters. Made up of all Wilt Resistant Types and colors. Long blooming season both early and late types.

Pkt. 15c, $\frac{1}{8}$ oz. 40c.



Balsam



Calendula

Balsam (Lady Slipper)

Old favorite for the garden. Richly colored flowers formed like small camellias or gardenias are clustered close along the stems. Easily grown, doing best in rich soil with plenty of moisture.

244 Double Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Bean, Scarlet Runner

Popular, quick growing vine with bright red flowers.

250 Pkt. 10c, oz. 20c, $\frac{1}{4}$ lb. 60c.

Bells of Ireland



A novelty that is distinctively appealing. The plant produces tall stems which are closely set with cups of pale translucent green. Within each cup lies a small, curiously formed white flower. The stems are nice for cutting or may be dried as a straw-flower. Sow in full sun in a fairly dry, well drained spot.

265 Bells of Ireland—Pkt. 20c, $\frac{1}{16}$ oz. 50c.

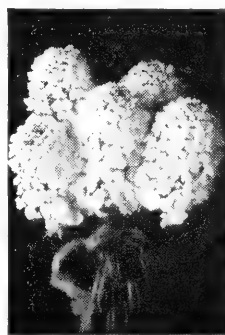
BRIGHT CALENDULAS

Everyone likes the Calendulas which are so bright in the garden and so long lasting as cut flowers. Start the seed very early right outdoors and another sowing in mid-summer for fall bloom. They like cool weather for best bloom and are hardy enough for very early spring or even fall sowing.

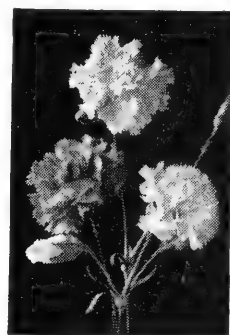
288 Finest Double Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

289 Pacific Beauty Mixed. Uniformly large flowers that stand summer heat well, with good strong stems. Unusual soft shades of Apricot, Cream, Lemon and Persimmon Orange.

Pkt. 10c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.



Candytuft



Carnation, Chabaud's

Calliopsis, Annual Coreopsis

295 Golden Crown. Gold and Maroon.

Pkt. 10c, $\frac{1}{8}$ oz. 30c.

Candytuft

Another favorite edging and border plant. As the plant grows quickly we suggest you make successive plantings for fresh flowers all summer. A late fall sowing in the open will bloom the following spring.

320 Giant Hyacinth White. Extra large florets.

Pkt. 10c, $\frac{1}{8}$ oz. 35c.

326 Finest Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c.

Cardinal Climber

An exceptionally pretty low climber for border fencing, trellises, etc. Rich green leaves deeply laciniated, and flowers of the brightest red.

338 Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Carnations

Tender perennial, best grown as hardy annuals. For a long season of bloom start seed early inside.

344 Chabaud's Giant Double Improved. Lovely blooms almost like the greenhouse carnations.

Pkt. 20c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 75c.

342 Marguerite Mixed. The carnation that is quickest to bloom after seed is sown. Nice double flowers.

Pkt. 15c, $\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c.

Annual Chrysanthemum

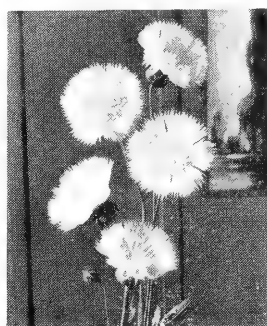
398 Daisy-like flowers in many bright color combinations of white, yellow, gold, mahogany, often bicolored and zoned. Hardy annual growing 15 to 18 inches high. Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.



Chrysanthemum



Celosias Toreador



Centaurea Imperialis



Centaurea Cyanus

Colorful Celosias

Toreador—New Red

Awarded an All-America Medal as an outstanding garden flower that everyone can grow. The plants grow uniformly 18 inches high surmounted by the rich velvety crimson red flower heads. For formal beds or clumps in the border.

351 Celosia Cristata Toreador. Pkt. 30c, $\frac{1}{32}$ oz. 70c, $\frac{1}{16}$ oz. \$1.25.

352 Celosia Cristata (Cockscomb) Tall Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c.

Ostrich Plums—(C. Plumosa)

The new graceful Celosia with long plume-like flower heads in brilliant colors. Plants 2 to 3 feet high, well-branched and bushy.

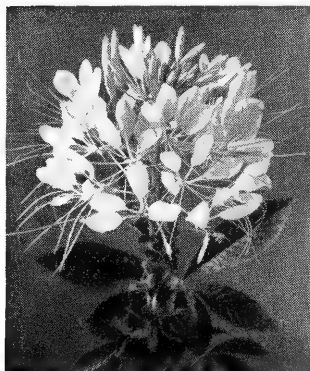
353 Pampas Plume Mixed. New strain with huge feathered plumes in red, copper, gold and sunset. Pkt. 15c, $\frac{1}{16}$ oz. 35c.

357 Plumed Golden Fleece. Immense golden yellow plumes. Pkt. 15c, $\frac{1}{16}$ oz. 40c.

Chinese Woolflower (C. Childsi)

The flowers of this strain are in somewhat pointed ball shaped form. Plants nicely branching and bushy.

356 Mixed. Pkt. 10c, $\frac{1}{16}$ oz. 30c.



Cleome

Perennial Seeds

The perennial flowers are listed in this catalog on pages 36 to 40. Plants from these seeds live for 2 years or more.

Centaurea Cyanus (Bachelor's Button)

We have extra nice, double flowering strains of the popular Bachelor's Button or Cornflower. For the finest flowers, **sow the seed directly outdoors even before the frost is out of the ground.**

Blue Boy—Blue

Pinkie—Pink

Snow Man—White

Red Boy—Red

Any Color—Pkt. 10c, $\frac{1}{4}$ oz. 35c.

364 Finest Double Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 30c.

370 Dwarf Gem Mixture. All colors of the compact bushy type. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Centaurea Imperialis (Sweet Sultan)

Beautiful for cutting, the delicate graceful long stemmed flowers, lasting for several days in water.

374 Finest Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Clarkia

Lovely, softly colored flowers for cutting or for garden display. Sow early in shade or partial shade. Blooms well in poor soil.

402 Pkt. 10c, $\frac{1}{8}$ oz. 30c.

Cleome—Spider Plant

Fine plants for background or the border or a corner where bushy plants 4 feet tall are needed. Curiously shaped flower heads make a splendid showing.

406 Helen Campbell. White. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

407 Pink Queen. Soft pink. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Coleus

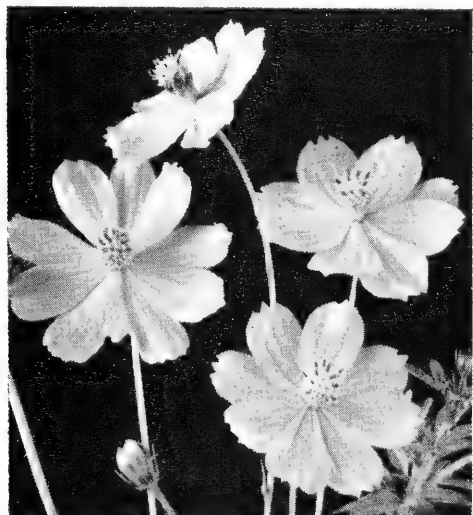
410 Avalon. A fine strain of these richly colored foliage plants, showing shades seldom seen in Coleus. Sow seed early indoors, setting out when soil is warm, in sunny location.

Pkt. 30c, 3 pkts. for 75c.

Corn—Indian Ornamental

The variety with variously colored kernels the ears of which are used for ornamental purposes. Grow a few plants this fall.

416 Ornamental Corn. Pkt. 15c, $\frac{1}{4}$ lb. 45c.



Cosmos For Tall Groups in the Border

COSMOS

Cosmos is one of the best of cut flowers and of course excellent in the garden as a background, dividing line or as a screen.

441 Fiesta. A bright new yellow and scarlet Cosmos, giving very early and continuous bloom. Bushy plants 2½ feet high.

Pkt. 15c, ⅓ oz. 50c.

440 Radiance. A truly new color in Cosmos, deep rose with well defined crimson zone.

Pkt. 10c, ⅓ oz. 30c, ¼ oz. 50c.

428 Orange Flare. The 3 foot plants are simply loaded with the rich orange blooms.

Pkt. 10c, ⅓ oz. 35c.

438 Early Single Mixed. White, pink and rose.

Pkt. 10c, ⅓ oz. 30c, ¼ oz. 50c, oz. \$1.50.

448 Double Crested Mixed. Pkt. 15c, ⅓ oz. 45c.

Dianthus (Annual Pinks)

525 Letherman's Excellent Mixture. Contains all colors and shades known to pinks, both double and single flowering.

Pkt. 10c, ⅓ oz. 30c.

Eschscholtzia (California Poppy)

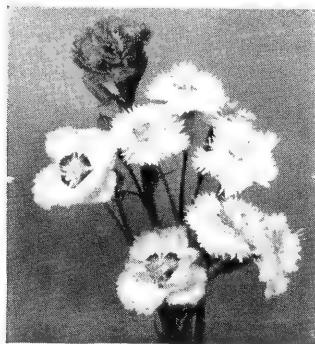
582 Brilliant Mixed. White, yellow, orange, some rose and red shades.

Pkt. 10c, ¼ oz. 50c, oz. \$1.50.

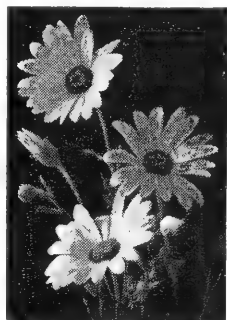
Euphorbia

590 Variegata, Snow-on-the-Mountain. Pretty in the garden and so useful for bouquets in combination with other flowers. Leaves rich green margined with ivory. Well-branched plants 2 feet high.

Pkt. 10c, ¼ oz. 35c, oz. \$1.20.



Dianthus, Excellent Mixed



Dimorphotheca

Cynoglossum Chinese Forget-Me-Not

472 Firmament. Bushy plants 15 to 18 inches high carrying many sprays of the rich blue Forget-Me-Nots. Easily grown in most any soil.

Pkt. 10c, ¼ oz. 35c.

Cypress Vine

Very pretty and dainty climber with finely cut almost fern-like foliage and myriads of star-shaped flowers of bright red or white.

478 Mixed Colors. Pkt. 10c, ¼ oz. 35c.

Dahlia

These new dwarf strains grow readily from seed and bloom in 4 to 5 months from sowing. Excellent for borders or bedding.

482 Unwin's Dwarf Hybrids Mixed. Double, semi-double, and single flowers in a fine range of Dahlia colors. Plants 18 to 24 inches tall.

Pkt. 20c, ⅓ oz. 35c, ⅓ oz. 60c, ¼ oz. \$1.00.

Dimorphotheca

African Orange Daisy or Star of the Veldt

A hardy annual of easy cultivation. Fairly long stemmed daisies that grow about 10 inches high.

557 Hybrids Mixed. Orange, gold, salmon, and white. Pkt. 15c, ⅓ oz. 45c.

Flower Garden Annual Mixture

Made up of many fine annuals. Very interesting and provides lots of cut flowers.

606 Mixed. Pkt. 10c, ¼ oz. 35c.



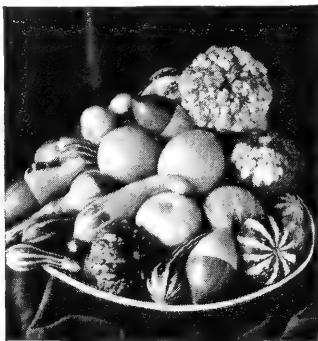
Dahlia, Dwarf Hybrid



California Poppies



Four-o'clocks



Gourds



Helichrysum

Four-o'clocks (Mirabilis)

The old favorite annual for borders, hedges, etc. Bushy plants about 2 feet high. All colors, white, red, pink, yellow, and striped.

609 Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 60c, $\frac{1}{4}$ lb. \$1.75.

Annual Gaillardia

Very showy border and cut flower plants, flowers in many combinations of cream, yellow, and gold with mahogany, red, and brown.

611 Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

Gomphrena (Globe Amaranth)

Novel everlasting flowers resembling heads of Clover. Bushy plants 18 inches tall.

635 Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

Gourds—Ornamental

Popular because of the decorative value of the fruits which may be preserved and kept for a long time.

646 Large Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 25c, oz. 75c.

648 Small Mixed. Pkt. 10c, $\frac{1}{4}$ oz. 25c, oz. 75c.

Try These Plants From Seed

You will find it very interesting. Directions with packets.

622 Geranium. Fine Mixed. Pkt. 35c.

632 Gloxinia. Best Hybrids. Pkt. 35c.

1156 African Violet. Varied Blue Shades. Pkt. 75c.

Gypsophila (Baby's Breath)

The Gypsophila is indispensable for bouquets with other flowers. The dainty white flowers and airy leaves and stems add beauty to any vase of flowers. Sow seed every 2 or 3 weeks.

652 Grand. White Covent Garden. The finest strain for size and abundance of the pure white flowers.

Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

653 Carmine Rose. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

Heliotrope—Blue Shades

Though not new, this is an improved strain of this deliciously fragrant flower which you will enjoy having in your border.

690 Heliotrope. Pkt. 15c, $\frac{1}{16}$ oz. 35c.

Helichrysum (Strawflower)

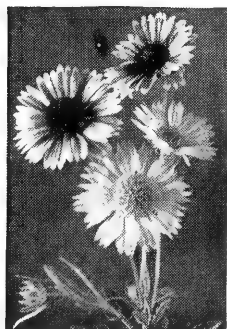
The most popular of all Everlastings and grown mostly for drying, though of course, the flowers make attractive bouquets when fresh. Cut before centers open, and hang upside down in a cool dark place.

678 Excellent Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

Hunnemania (Buttercup Poppy)

A buttercup yellow beauty, more impressive than California Poppy. Nice for cutting and a beauty for borders and beds especially with blue.

734 Sunlite Yellow. Pkt. 15c, $\frac{1}{8}$ oz. 40c.



Annual Gaillardia



Gypsophila

Kochia

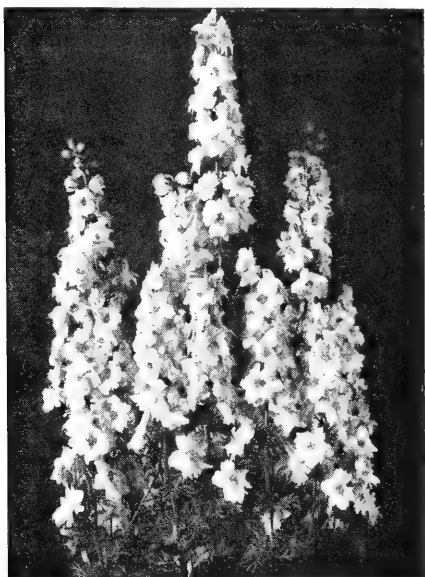
Mexican Fire Bush

The uniform 2½ foot bright green bushes make excellent hedges or borders, resembling small evergreens. They turn red in the fall.

746. Pkt. 10c, $\frac{1}{4}$ oz. 20c, oz. 60c.



Kochia



Larkspur

Sow Larkspur Seed Early

Larkspurs are beautiful in the garden and for cut flowers, with tall branching plants and richly colored flower spikes. You will get best results by sowing seed early directly outdoors.

780 Giant Imperial Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 35c.

Lobelia

810 Crystal Palace Dwarf. Very dwarf compact variety with deep blue flowers and dark foliage. Unexcelled for edgings, ribbon bedding, etc. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Lupines—Annual

Long graceful spikes of pea shaped flowers in shades of blue, heliotrope, rose and white. Lupines prefer some shade.

820 King Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 35c.

Nicotiana (Sweet Scented Tobacco)

Branching bushy plants about 2 feet high carry their clusters of fragrant waxy flowers throughout summer and fall. The fragrance is especially noticeable during the evening and night.

942 Affinis White. Pkt. 15c, $\frac{1}{8}$ oz. 35c.

943 Sensation Hybrids. A strain of beautiful mixed colors, remaining open in daytime.

Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Nemesia

939 Dwarf Mixed. Beautifully colored flowers for borders, edgings. Pkt. 20c, $\frac{1}{16}$ oz. 75c.



Nicotiana



Hearts and Honey Vine

Morning Glory and Ipomea

For the longest season of bloom start seed early indoors, transplanting out when soil is warm. Soak the seed in water for several hours before planting to soften the hard shell. Ipomeas bloom best on rather dry soil not too rich.

Candy Pink Morning Glory

A bright rose salmon-pink, a lovely shade and the first really pink Morning Glory. Flowers 4 inches across, freely borne. Vines grow 15 to 20 feet.

904 Candy Pink. Pkt. 20c, $\frac{1}{8}$ oz. 60c.

Hearts and Honey Vine

This beautiful annual vine is like the Cardinal Climber except in color of bloom, which is really amazing. The flowers are brilliant pinkish orange with soft pure yellow centers, changing to shades of pinkish red and pure rose pink.

903 Hearts and Honey Vine. Pkt. 15c, $\frac{1}{8}$ oz. 50c.

907 Blue Star. Sky blue with 5 deeper blue midribs to form an attractive star. Flowers are larger and bloom earlier than Heavenly Blue.

Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

910 Heavenly Blue Ipomea. Most beautiful of all Ipomeas, a lovely shade of blue.

Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.

906 Scarlet O'Hara. Bright cardinal red flowers. Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

909 White Magic. Beautiful variety, early and free flowering, with large fleecy white flowers.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

900 Moonflower, White. The large white flowers are open in the evening and on cloudy days.

Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. 90c.

911 Double Rose Marie. Deep rose flowers.

Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

914 Giant Oriental Morning Glory Mixed.

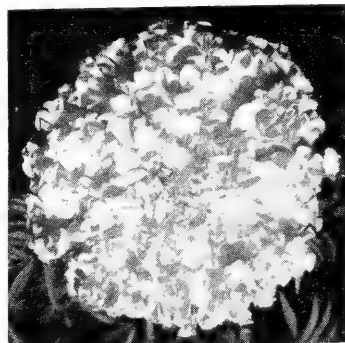
Pkt. 10c, $\frac{1}{4}$ oz. 30c, oz. 90c.

Fragrant Mignonette

892 Large Flowering Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.



Lemondrop to Brighten Your Border

Harmony
Popular Dwarf

Marigold, Fluffy Ruffles

Marigolds—Tall and Dwarf

Marigolds do well on most any soil and they certainly reward you with a wealth of bloom for the garden or for cutting all summer long.

Chrysanthemum Flowered

Beautiful big blooms with incurved petals.

830 Glitters. Big rounded canary yellow blooms with long stems on 3 foot plants.

831 Mammoth Mum. Lemon yellow, paler than Glitters on 30 inch plants.

833 Mission Giant Yellowstone. Vigorous plants 18 inches tall with ball shaped golden blooms.

832 Mission Giant Goldsmith. Rich orange. 18 in. Above—Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

836 Chrysanthemum Flowered Hybrids. Big blooms variously formed, in all shades of yellow, gold and orange. 2 to 3 feet tall.
Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

Other Novel Marigolds

840 Sunset Giants. Well named in the golden, orange and yellow shades. Sweet scented.
Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

841 Fluffy Ruffles. Very large brilliant orange flowers fully doubled with ruffled petals. Plants about 20 inches tall with long stems.
Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Tall Carnation Flowered

Among the best for cutting. Plants medium tall flowering freely. Flowers of good size with broad graceful petals.

848 Real Gold. The largest of the type, very double, deep golden orange. 24 to 30 inches tall.

850 Yellow Supreme. Creamy yellow flowers.
Either Above—Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

Tall Double African

Formal ball shaped blooms. Fine for cutting.

858 African Tall Double Mixed. All shades.
Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

Dwarf Harmony Types

These have the crested center with the broader outer petals. They bloom early and profusely.

862 Harmony. Orange center with mahogany red outer petals. 15 to 18 inches tall.
Pkt. 10c, $\frac{1}{8}$ oz. 40c.

865 Spry. Very dwarf and compact, covered with bright yellow and mahogany flowers.
Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

864 Dwarf Harmony Hybrids. All combinations lemon yellow, gold, and mahogany.
Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

Dwarf French Varieties

867 Cupid. Lemon yellow quilled flowers on 8 inch plants.
Pkt. 20c, $\frac{1}{16}$ oz. 60c.

871 Eldorado. Lively canary yellow, 10 inches tall.
Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

877 Lemondrop. Bright lemon yellow flowers on uniform compact 9 inch plants.
Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

874 Rusty Red. A distinctive shade you will like. Fully double flowers on 18 inch plants.
Pkt. 15c, $\frac{1}{8}$ oz. 50c.

870 Yellow Pygmy. Very dwarf (6 in.) early and free blooming variety of the brightest yellow.
Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

875 Dwarf Double French Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

878 Color Magic Mixture. A better, more colorful dwarf mixture, gold, yellow, and mahogany shades.
Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

882 Spanish Flag Mixed. A mixture of the newest and best of the dwarf, early and free-flowering single Marigolds.
Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

885 Signata Pumila, Border of Gold. Very finely cut fern-like foliage, fairly covered with small bright golden yellow single flowers. 9 inches tall.
Pkt. 15c, $\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 55c.



Nasturtium, Gleam Hybrids

NASTURTITIUM

Nasturtiums will grow well and make excellent displays of flowers on soils too poor to support other flowering plants. Excellent for bedding, for borders and the trailing varieties on dry sandy terraces and banks.

The Double Gleam Varieties

926 Golden Gleam 928 Scarlet Gleam

930 Glorious Gleam Hybrids. All shades.

931 Dwarf Double Gem Mixture. Compact rounded plants. Many bright colors.

934 Dwarf Single Mixed. 932 Tall Single Mixed.

Prices All Nasturtiums—Pkt. 15c, 1/2 oz. 25c, oz. 45c, 1/4 lb. \$1.25.

Silken Shirley Poppies

More of these beauties should be grown. You sow the seed right outdoors early (they defy frost—don't like transplanting). The silken flowers appear 8 to 10 weeks after sowing.

1100 Single Mixed. Pkt. 10c, 1/4 oz. 35c.

1101 Double Begonia Mixed. Pkt. 10c, 1/4 oz. 35c.



Phlox, Giant Art Shades
Sow Early Outdoors



Pansy, Swiss Giant

RICH PANSIES

Ask for free leaflet on Pansy Culture.

972 Felix. Many colors with vividly contrasting black veined throats.

Pkt. 50c, 1/32 oz. \$1.25.

964 Superb Swiss Giants. Noted for their richness of coloring, their great size, and the heavy velvety texture of the petals. The colors are mostly of the darker richer colors such as bronze, mahogany, wine red, crimson, deep blues, etc.

Pkt. 25c, 1/32 oz. 65c, 1/16 oz. \$1.20.

967 Steele's Jumbo Mixed. Early to bloom, the coloring of the flowers is magnificent, many shades not in other mixtures. Fine form, heavy petal substance, and long strong stems are other valuable characteristics, in addition to great size.

Pkt. 50c, 1/32 oz. \$1.35, 1/16 oz. \$2.50.

966 Exhibition Mixture. An imported strain that has undergone a generation of selection and improvement. Large flowers of all colors.

Pkt. 20c, 1/32 oz. 40c, 1/16 oz. 75c.

The Brilliant Phlox

Few annuals are as gay and colorful as Phlox in a bed or border. They bloom over a long period and the stems are long for cutting.

1076 New Globe Phlox Mixed. Dwarf, very compact globe shaped plants 6 to 8 inches tall with spread of 10 to 12 inches. White, red, rose and lavenders. Pkt. 25c, 1/16 oz. 70c, 1/8 oz. \$1.25.

1070 Grandiflora Mixed. All shades from pure white, flesh pink, deep rose, cinnabar scarlet, crimson, creamy yellow, lavender, and violet, 15 to 18 inches tall. Pkt. 15c, 1/8 oz. 50c.

1072 Gigantea Art Shades. Extra large flowering strain in the soft shades, such as salmon, rose, chamois, apple blossom, lavender. Pkt. 15c, 1/16 oz. 45c, 1/8 oz. 75c.

1071 Dwarf Mixed Beauty. Plants 6 inches tall, covered with brightly colored flowers. Excellent for edgings. Pkt. 20c, 1/16 oz. 50c.



Dwarf Garden Giants



Comanche, Finest Red Petunia

For Every Garden

PETUNIAS

Bloom All Summer

The universal favorite, perhaps more widely planted in our section than any other annual. Not particular as to soil, give them sunlight and Petunias do the rest, providing an abundance of bloom all summer.

Largest of All Petunias

992 Giants of California, Dwarf Strain. Immense flowers with ruffled petals in a great variety of colors. The throats of the flowers are well-opened and veined and usually of a contrasting shade. Pkt. 40c, 2 pkts. for 70c.

993 Dwarf Ruffled Garden Giants. The plants develop into well-rounded mounds 12 to 15 inches high. They start flowering early and continue their gorgeous display all through the summer. The best large flowering strain for bedding.

Pkt. 35c, 2 pkts. for 60c.

988 All Double Mixed Petunias. Produces 100% large, fully doubled blooms. Requires care in growing from seed but results are well worth it. Pkt. \$1.00.

Comanche Hybrid

A glorious new red Petunia which you must grow to fully appreciate. Undoubtedly it is the finest real red Petunia. The plants are excellent compact growers, very uniform in height and coloring.

1011 Comanche. Pkt. 50c, Large pkt. \$1.50.

Prima Donna Hybrid

An All-America Winner for 1955

A lovely bright rose pink with large fringed flowers on dwarf compact plants.

1002 Prima Donna. Pkt. 50c, 2 pkts. for 90c.

Linda, Finest Salmon

Another fine new hybrid of uniformly soft salmon pink. Flowers are somewhat larger than most bedding varieties and they are very freely borne.

1012. Pkt. 50c, Large pkt. \$1.50.

1021 Elk's Pride. Large flowers of the richest purple violet are very freely produced.

1020 Snowstorm. Pure white of extra large size. The finest white Petunia.

Either Above—Pkt. 25c, Large pkt. \$1.00.

Bedding Petunias

The Best of Each Color

1030 Admiral. Considered best of the dwarf compact clear dark blue Petunias. Our strain is exceptionally uniform.

Pkt. 40c, Large trade pkt. \$1.25.

1039 Lipstick. A glowing carmine rose, deeper than Celestial, belonging in the dwarf bedding group. It has the brilliancy of color and does not fade out in hot summer.

Pkt. 25c, 1/32 oz. 75c.

1042 Snowball Improved. Beautiful clear white, blooming to entirely cover the plants.

Pkt. 15c, 1/32 oz. 45c, 1/16 oz. 75c.

1033 Celestial Rose. Reselected compact strain of this popular shade.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

1036 Silver or Heavenly Blue. Best light blue.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

Standard Bedding Varieties

All Fine Reselected Strains

1031 Blue Bedder. A medium blue of dwarf compact growth.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

1034 Fire Chief. The first really red bedding Petunia. Pkt. 25c, 1/32 oz. 75c.

1041 Rosy Morn. Rose with white throat.

Pkt. 15c, 1/32 oz. 35c, 1/16 oz. 60c.

1045 Twinkles. Lively rose pink, starred white on very dwarf plants.

Pkt. 15c, 1/32 oz. 45c, 1/16 oz. 75c.

1046 Velvet Ball or Dwarf Flaming Velvet. Very dwarf with blood red flowers.

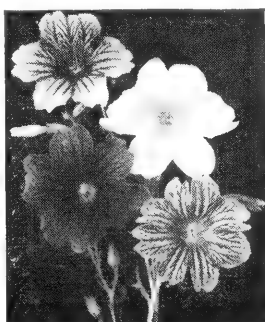
Pkt. 30c, 1/64 oz. \$1.00.

1054 Finest Mixed Bedding Petunias. Privately blended of the best shades of good bushy compact growth.

Pkt. 15c, 1/16 oz. 55c, 1/8 oz. \$1.00.



Portulaca, Double



Salpiglossis

Portulaca (Rose Moss)

Portulaca does so well in hot dry locations and on such poor soil that it is always in demand. Low growing plants so useful for edgings, ribbon bedding and for sowing on dry banks and terraces.

1112 Single Mixed. Pkt. 10c, $\frac{1}{8}$ oz. 40c.

1114 Double Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Ricinus (Castor Bean)

Giant plants with very large ornamental leaves.

1148 Mixed. Pkt. 15c, oz. 40c, $\frac{1}{4}$ lb. \$1.20.

Rock Garden Mixture

1152. A mixture of low annuals suited to growing in the Rock Garden. Pkt. 10c, $\frac{1}{4}$ oz. 40c.

Salpiglossis (Velvet Flower)

An easily grown annual with flowers of rich and rare colorings. The flowers are Petunia shaped with deep throats most of which are golden and golden veins spread out through the rest of the flower. Salpiglossis likes rather light sandy soil and to be allowed to grow fairly dry.

1160 Finest Mixed Colors. Pkt. 10c, $\frac{1}{8}$ oz. 35c.



Scabiosa

Scabiosa

Pin Cushion Flower

One of the best cut flower annuals, the blooms being carried on long, slender wiry stems and they stay fresh for a long period in water. Hardy enough to stand fairly early sowing outdoors.

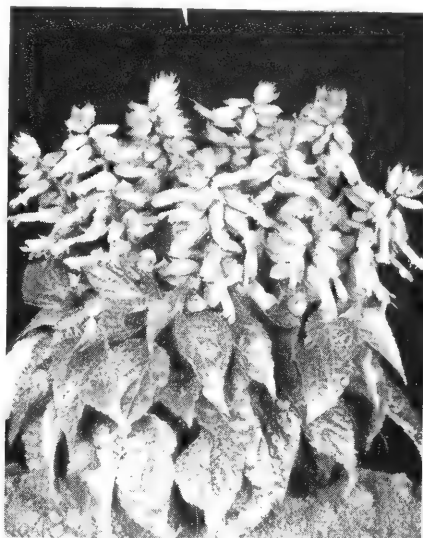
1190 Hybrids Mixed. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Schizanthus (Butterfly Flower)

Also called the "Poor Man's Orchid" because of the dainty formation and coloring of the flowers.

1200 Large Hybrids. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Salvia



Salvia (Scarlet Sage)

The favorite bright red summer bedding and border plant. Seed should be sown early indoors, given plenty of warmth.

1171 St. John's Fire. The earliest Salvia to bloom, continuing in bright color until fall frosts. The scarlet spikes are only 10 to 12 inches tall, ideal for borders. Pkt. 25c, $\frac{1}{16}$ oz. 80c.

1170 America or Globe of Fire. Very free and continuous bloomer and exceedingly uniform in growth. 15 to 18 inches high.

Pkt. 20c, $\frac{1}{16}$ oz. 55c, $\frac{1}{8}$ oz. \$1.00.

1168 Bonfire. Flowers of brightest scarlet carried well above the foliage. 2 feet.

Pkt. 20c, $\frac{1}{16}$ oz. 55c, $\frac{1}{8}$ oz. \$1.00.

1166 Splendens. The tallest, 2½ to 3 feet.

Pkt. 15c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c.

1174 Blue Salvia, Farinacea. Bright silvery blue spikes on plants 2½ feet high. Has great beauty in the garden or as cut flower.

Pkt. 20c, $\frac{1}{16}$ oz. 60c.

Stocks

Start seed in March in cool temperature, 60-65 F. Set plants out in May in rich moist soil.

1221 Double 10 Weeks Mixed. Best for outdoors. Pkt. 15c, $\frac{1}{16}$ oz. 40c.

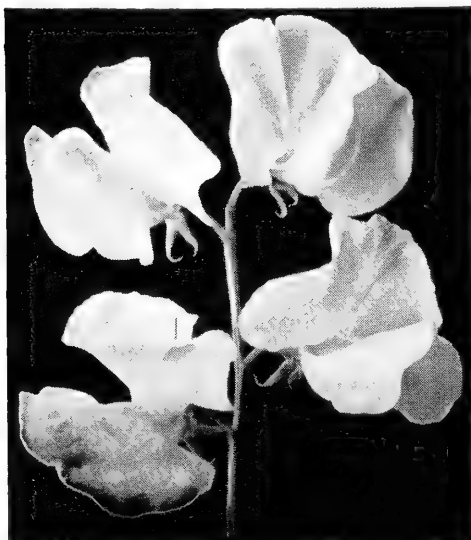
Sunflower (Helianthus)

1247 Sun Gold. Golden yellow double. 4½ feet.

1248 Red Flowering. Single flowers with mahogany red petals. 4 to 6 feet.

1250 Miniature Hybrids. Small flowers in gold, bronze, and red shades. 3½ feet.

Any Above—Pkt. 10c, $\frac{1}{4}$ oz. 35c, oz. \$1.00.



To Grow the Best

SWEET PEAS

Plant Early—Plant Deep—Innoculate the Seed

New Multiflora Strain

Their habit is exceptionally vigorous with more flowers on a stem. Multifloras start blooming early and continue through the season.

1280 Multiflora. Pkt. 30c, $\frac{1}{4}$ oz. 70c, $\frac{1}{2}$ oz. \$1.20, oz. \$2.00.

Cuthbertson Sweet Peas

The wonderful strain of Sweet Peas that will continue to bloom during hot weather and still have good big flowers and long stems. Cuthbertsons have been thoroughly tested over the country and there is no question that it is the foremost strain that can be offered today.

1268 Jimmy. Scarlet. 1262 Evelyn. Salmon.

1263 Frank. Lavender. 1264 Janet. White.

1265 Tommy. Blue. 1267 Ruth. Rose pink.

Any Above—Pkt. 20c, $\frac{1}{2}$ oz. 35c, oz. 60c.

Special Collection Cuthbertson. Consisting of one full packet each of the above six varieties. 90c.

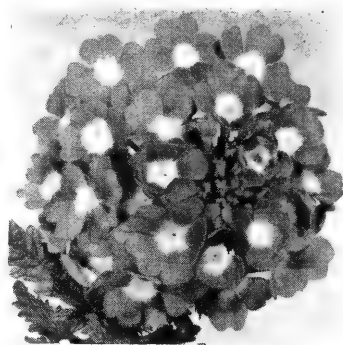
1260 Cuthbertson Mixed. Beautiful colors.
Pkt. 15c, $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.50.

1275 Superb Mixed Orchid Flowering Spencers.
The large flower wavy pettaled type. Our mixture is well-balanced including all shades.

Pkt. 15c, $\frac{1}{2}$ oz. 25c, oz. 45c, $\frac{1}{4}$ lb. \$1.25.



**Inoculate
Sweet Pea Seed
with NITROGIN**
Garden size Pkg. 15c.



Verbena Sparkle

Verbenas

Very showy and gay bedding plants that bloom continuously all summer and fall.

1385 Sparkle. Wonderful new variety, brightest scarlet with lively contrasting white eye. Plants uniformly 9 inches high, covered with blooms through the summer. You cannot imagine a showier bed or border. Pkt. 25c, $\frac{1}{16}$ oz. 55c.

1384 Dwarf, Upright Mixed. Includes all of the Verbena shades and colors. Excellent for bedding. Pkt. 20c, $\frac{1}{16}$ oz. 55c, $\frac{1}{8}$ oz. \$1.00.

1396 Mammoth Mixed. This contains all shades of pink, rose, scarlet, lavender, blue, and white.

Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Thunbergia (Black-eyed Susan)

Very pretty trailing plant for porch and window boxes or as a low vine.

1355 Alata Mixed. Flowers of yellow and orange with black eyes.

Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Tithonia—Torch

Mexican Sunflower or Golden Flower of the Incas. Bright scarlet blooms August to frost, on 3 to 4 foot plants.

1356 Torch. Pkt. 15c, $\frac{1}{16}$ oz. 40c.

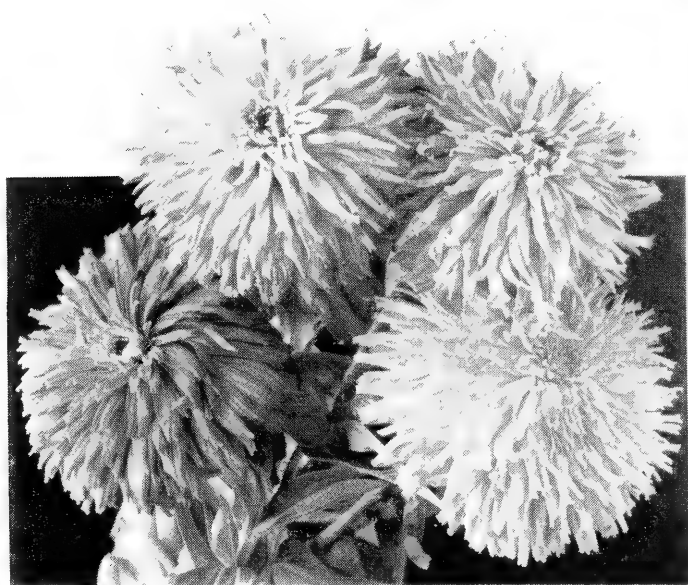


Tithonia

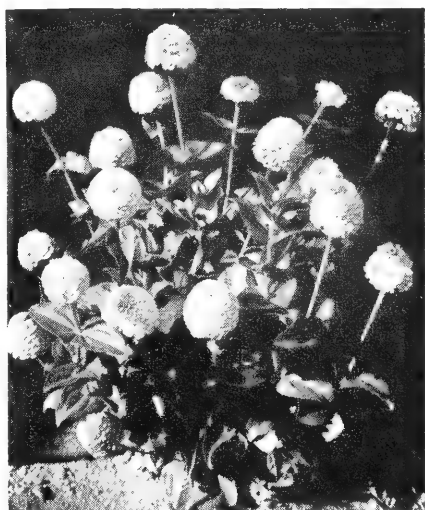
Roses for 1955

Our supply for spring will include many of the world's finest roses. They will be No. 1 field grown plants in top condition for growth.

Ask for our complete descriptive price list.



The Gorgeous Hybrid Zinnias



Lilliput Zinnias, Free Blooming

Zinnias Really Brighten the Garden

Giant Hybrid Zinnias

A new race of Zinnias with immense, gorgeously colored and formed flowers. The coloring is spectacular and the big fluffy blooms are often 6 inches across. The strong growing, free blooming plants are 3 feet tall. These first and second generation Hybrids are the finest giant Zinnias ever introduced.

1474 Pkt. 15c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.75.

Separate Colors of Hybrids

1478 **Blaze**. All-America Winner in 1954. Glowing orange scarlet flowers of great size.

Pkt. 25c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75.

1473 **Eskimo**. Creamy white, cupped petals.

Pkt. 20c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25.

1476 **Floradale Scarlet**. Deeper shade than Blaze.

Pkt. 15c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.75.

1477 **Riverside Beauty**. Glowing salmon pink.

Pkt. 15c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.75.

1479 **Sunny Boy**. Soft buttercup yellow.

Pkt. 20c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25.

Peppermint Stick Mixture

These give you the most distinct colors in Zinnias. They are red, rose, yellow and orange, but the petals are striped and blotched with white and other contrasting shades. Flowers medium size, tall plants.

1495 Pkt. 15c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 85c.

Mexican—Persian Carpet

Persian Carpet is the true Mexican Haageana type but larger and much more showy in coloring as mahogany, maroon, purple, yellow and gold shades. 8 to 10 inches tall.

1496 Pkt. 15c, $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c.

Popular Giant Dahlia Zinnias

Canary Bird. Yellow.

Dream. Lavender.

Golden Dawn. Golden.

Illumination. Deep rose.

Polar Bear. White.

Eldorado. Very attractive salmon apricot.

Crimson.

Exquisite. Pink.

Golden State. Orange.

Oriole. Orange-gold.

Purple Prince. Purple.

Prices—All Above Varieties—Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$1.80.

1456 **Gold Medal Dahlia Flowered Mixed**. Superb blend of the better shades.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.65.

Giants of California

Flowers are large but somewhat more flattened than the Dahlia Flowered.

Golden Yellow.

Orange Scarlet.

White.

Soft Pink.

Violet.

Deep Scarlet.

Price Above—Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c.

1472 **Giants of California Fine Mixed**.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.65.

Lilliput or Pompon Zinnias

Small, fully doubled flowers on comparatively dwarf plants 15 to 18 inches tall.

Canary

Crimson

Golden

Maroon

Purple

Rosebud

Salmon

Scarlet

White

Any Above—Pkt. 15c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c.

1480 **Lilliput Finest Mixed**. Pkt. 10c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.75.

1494 **Tom Thumb Mixed**. Lilliput type flowers on very dwarf (10 to 12 in.) plants.

Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Sow Perennial Flower Seeds

For Year After Year Beauty



Aquilegia, Long Spurred Hybrids

Alyssum (Basket-of-Gold)

- 32 Saxatile Compactum.** The 10 to 12 inch plants are masses of golden yellow flowers during the early spring. Pkt. 15c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c.

Aquilegia (Columbine)

There are no more graceful flowers than the lovely long spurred Columbines and they deserve a place in every border.

- 201 McKana's Giant Hybrids.** An All-America Award for 1955 was given this new strain with its immense flowers in all shades known to Columbines. Easily grown from seed.

Pkt. 30c, $\frac{1}{32}$ oz. 85c, $\frac{1}{16}$ oz. \$1.50.

- 200 Letherman's Long Spurred Hybrids.** The long gracefully spurred flowers possess all the delicate and rich colors known to Aquilegias. This is a strain of outstanding quality.

Pkt. 15c, $\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c.

Bellis (Double English Daisy)

Popular double daisies which bloom so freely in spring and early summer. Plants are biennial and best results are obtained by sowing each year.

- 260 Monstrosa Mixed.** Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Coreopsis

- 422 Double Sunburst.** Improved double, semi-double and single flowers.

Pkt. 10c, $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c.

Unless otherwise described the varieties on the following few pages are all perfectly hardy and will give you beautiful blooms for several years after planting. A few varieties are "Biennial" living for two years only and those are so marked.

We will be glad to send you suggestions as to the growing of perennials from seed. It is not difficult and has become a source of great pleasure to many home gardeners.

Campanula (Canterbury Bells)

Biennial

For best results start seed in late spring or early summer for bloom the following season.

- 306 Medium Single Mixed.** Large bell shaped flowers in long spikes. Shades of blue, pink, rose, and white. Pkt. 10c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

- 302 Calycanthema or Cup and Saucer.** Cup-shaped with saucer-like lower petals. Mixed colors.

Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Hardy Candytuft

- 328 Sempervirens White.** During late spring and early summer the attractive dwarf plants are fairly covered with white bloom. One of the very best hardy plants for low borders or rock gardens.

Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Carnation—Hardy Grenadin

This is the best of the Carnations, hardy in the northern states. The plants are 15 to 18 inches tall, the flowers with fairly long stems and mostly double, a few being semi-double and single.

- 345 Grenadin Mixed Colors.** Dark red, scarlet, pink, and white. Pkt. 15c, $\frac{1}{16}$ oz. 60c.



A Fine Plant of Hardy Candytuft



Stately Delphiniums for Your Border

Delphinium (Hardy Larkspur)

500 Pacific Giant Hybrids. The finest of present day Hybrid Delphiniums. The long spikes are carried on strong stiff stems, and the individual florets are extra large and fully doubled. The shades vary from light blue, lavender, and mauve to deep clear blue and violet.

Pkt. 30c, $\frac{1}{16}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75.

505 Astolat. New. The much sought-for rose and pink shades, a great achievement by the hybridizers of Pacific Giant Delphiniums.

Pkt. (40-50 seeds) 60c, 3 pkts. for \$1.65.

Separate Color Selections Pacific Giants

501 Blue Bird. Clear medium blue.

502 Galahad. Glistening white.

503 Guinevere. Lavender toned with pink.

504 King Arthur. Dark violet, white center.

506 Summer Skies. Light blue, white bee.

Any Variety—Pkt. 40c, any 3 for \$1.00.

498 Wrexham or Hollyhock Strain. Another exceptionally fine type of Delphinium with long tapering Hollyhock-like spikes. Strong growing and healthy.

Pkt. 25c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00.

Daisy, Shasta

486 Alaska. These Daisies belong in every perennial garden. They are indispensable for cutting and for border display. Alaska is the best variety with extra large flowers in June. $2\frac{1}{2}$ -3 feet tall.

Pkt. 15c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c.

487 Double Shasta. Flowers vary in form and all are pretty. The first year blooms may show many singles which in later years are fully doubled.

Pkt. 30c, 3 pkts. for 75c.

Dianthus (Hardy Pinks)

510 Plumarius Semperflorens Mixed. An excellent strain of perpetual Pinks in all shades, double and single. Pkt. 15c, $\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c.

512 Plumarius Single. Pkt. 10c, $\frac{1}{8}$ oz. 40c.



Dianthus Plumarius, Excellent Border

Digitalis (Foxglove)

540 Shirley Hybrids (Biennial). A stately plant for border clumps and backgrounds. Long flower spikes on 6 foot stalks. Bell-shaped flowers in purple, rose, and pink shades and white.

Pkt. 15c, $\frac{1}{16}$ oz. 35c.

Geum (Avens)

Fine for rock garden or the perennial border. The long wiry stems reach up well above the foliage.

626 Bradshaw. Double red.

628 Stratheden. Double yellow.

Either Variety—Pkt. 20c, $\frac{1}{16}$ oz. 45c.

Gypsophila (Baby's Breath)

656 Paniculata Single White. 2 to 3 feet.

Pkt. 10c, $\frac{1}{4}$ oz. 40c.

654 Pan. Double White. Produces a reasonable percentage of double flowers.

Pkt. 20c, $\frac{1}{16}$ oz. 60c.



Shasta Daisy, Alaska



Gaillardia, Fine for Cutting

Hardy Gaillardia

One of the many good things about Gaillardias is their extremely long season of bloom. By keeping the old blooms cut off, the plants produce practically all summer and fall. Fine long stems for cutting.

614 Burgundy. Shining deep wine red.

Pkt. 20c, $\frac{1}{8}$ oz. 65c.

619 Superb Monarch Mixed. All possible combinations of mahogany, yellow, and gold from the lightest to the darkest effects.

Pkt. 15c, $\frac{1}{8}$ oz. 45c.

Hollyhock

Have a long season of bloom and a second crop will come on if first stalks are cut back. For healthiest plants sow seed each year for the following season's bloom.

724 Finest Double Mixed. All attractive shades.

Pkt. 15c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c.

Lathyrus (Hardy Sweet Peas)

Pretty, hardy trailing vine for covering fences, old stumps, etc., or as a covering on banks or terraces. Perfectly hardy, spreading rapidly, the plants bloom pretty well through the summer and fall.

790 Mixed Colors. Pkt. 15c, $\frac{1}{8}$ oz. 40c.

Lupines

Lupines do best if the seed is inoculated with Nitragin and they like cool, moist soil conditions. Grouped in the border where the soil is shaded by lower plants is an ideal location.

821 Russell Strain. Magnificent shades.

Pkt. 15c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c.

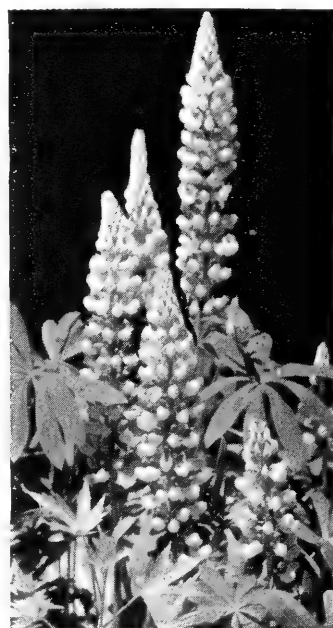
Lychnis (Maltese Cross)

825 Chalcidonica Scarlet. The burning red blooms are like small Maltese Crosses. Fine old fashioned border flowers which bloom freely in midsummer. Plants 3 feet high. Pkt. 10c, $\frac{1}{8}$ oz. 35c.



Platycodon, Bell Flower

Plant
Perennials
For
Permanent
Beauty



Russell's Lupines

Linum (Flax)

804 Perennial Blue. Dainty blue flowers on graceful stems are produced continuously all summer. Pkt. 10c, $\frac{1}{4}$ oz. 35c.

Myosotis (Forget-Me-Not)

Alpestris. The spring blooming biennial Forget-Me-Nots which are usually grown like Pansies blooming the following spring from July sown seed.

918 Alpestris Blue. Pkt. 20c, $\frac{1}{16}$ oz. 50c.

922 Alpestris Mixed. Blue, rose and white.

Pkt. 20c, $\frac{1}{16}$ oz. 50c.

Platycodon (Chinese Bell Flower)

Bushy plants with neat attractive foliage and bell-shaped flowers, which when in bud are inflated like balloons. The plants are in bloom from July to October and are excellent for border, rock garden, and for cutting. 18 to 24 inches high.

1108 Grandiflora Blue. Pkt. 15c, $\frac{1}{16}$ oz. 55c.

Primula Polyanthus

Favorite spring flowers that do so well in rich moist soil in rock garden or border.

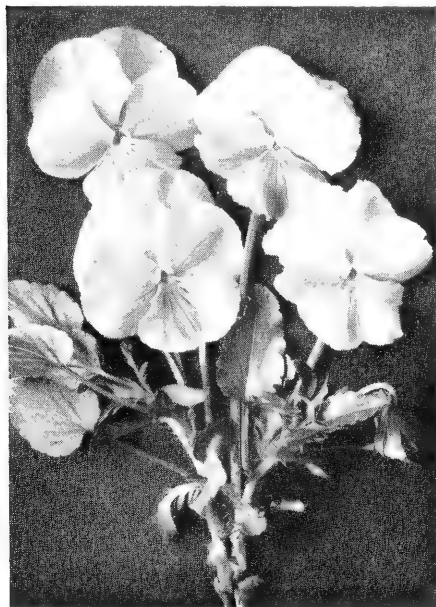
1120 Giant Mixed. Large, all shades. Pkt. 35c.

Pyrethrum (Painted Daisy)

These long stemmed Daisies grow in shades of pink, rose, deep red, and scarlet. They bloom in June and early July.

1142 Robinson Hybrids. A fine strain of the single varieties in mixed colors. Pkt. 20c, $\frac{1}{16}$ oz. 60c.

1143 Double and Semi-Double Mixed. Fine beautifully formed flowers. The first bloom is liable to be single but the second year the percentage of doubles is greatly increased. Pkt. 25c.



Viola, Tufted Pansy



Single Sweet William



Oriental Poppy

Scabiosa Caucasica

As valuable as the annuals for cutting. The blooming season is long for well established plants, June to October.

1194 Isaac House Hybrids. Famous English strain with large flowers in shades of blue, lavender, and lilac. Pkt. 20c, $\frac{1}{16}$ oz. 80c.

Iceland Poppy—Nudicaule

These Poppies bloom the first year from seed sown early, but reach their full brilliance the second year. The silky tulip shaped blooms are on long wiry stems and they are nice for cutting especially if stems are seared or dipped in boiling water.

1096 Giant Mixed. Tall stemmed strain in scarlet, orange, golden yellow, and white. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Oriental Poppy

1090 Scarlet. The most gorgeous spring flower. Brilliant red with black base. Pkt. 15c, $\frac{1}{16}$ oz. 35c.

1092 Salmon Pink. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

1091 Hybrid Mixed Colors. All brilliant shades of red, salmon-pink and pink. Pkt. 15c, $\frac{1}{16}$ oz. 50c.

Rock Garden Perennials Mixed

1153. Nice mixture of low growing varieties. Pkt. 15c, $\frac{1}{8}$ oz. 75c.

Sweet William—Biennial

To always have Sweet Williams at their best sow seed every year for the following year's bloom.

Best Sweet William Colors

1349 Dark Crimson. **1351 Scarlet Beauty.**

1350 Newport Pink. **1352 Giant White.**

Any Variety—Pkt. 15c, $\frac{1}{8}$ oz. 50c.

1345 Single Mixed. A fine mixture of both solid colored and eyed varieties.

Pkt. 10c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c.

1346 Double Mixed. Pkt. 15c, $\frac{1}{16}$ oz. 40c.

1348 Dwarf Alpine Mixed. Low growing species, plants 4 to 6 inches high. Pkt. 15c, $\frac{1}{16}$ oz. 60c.

Viola (Tufted Pansy)

Though many varieties of Violas are perfectly hardy we suggest growing them like Pansies. Fine spring bloomers and in cool seasons they bloom some all summer and again in the fall. Violas like Pansies always do best under cool conditions.

1428 Letherman's Finest Mixed Violas.

Pkt. 20c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.40.

SOW PERENNIAL SEEDS IN THE SPRING

By starting your favorite perennials from seed you can get lots of plants at very low cost, but of course, you have to wait a bit for them to bloom. The method is not much more complicated than the growing of annuals from seed. Our belief is that you will have the best results if you plant the seed in the open in spring, late April or May. Most perennials germinate better when its cool and moisture is much less a problem in spring than later.

Make up a good fine seed bed that contains plenty of humus (sand helps a lot if your natural soil

is heavy). Just have it in such physical condition that it will not crust over the seed. Sow the seed in rows or in small blocks, if you are starting several kinds, and spread the seed as evenly as possible, not over-crowding so that the plants can be left to grow to fair size before transplanting. Seeds started in that way will produce good strong plants to set into their permanent places in the late summer or early fall. In the case of only a few plants, when you can nurse them along, the transplanting may be done most any time during the summer.

Peat Moss and Vermiculite are big helps in preparing Seed Beds

Gladiolus - The Cut Flower Supreme

See Color Plate Inside Back Cover

You can start planting Glads in late April and real enthusiasts make several plantings up until July 1st in order to have cut flowers for a long season. Plant the corms 5 to 6 inches deep and then draw the soil up around the stalks as they grow. This gives good support to the tall spikes so that they do not blow over in strong winds.

Our Bulbs No. 1 Top Quality

Our Gladiolus are grown by specialists who raise them for bulb production (not for cut flowers). They are big bulbs, thick through, cleaned and treated for insects and disease. They will produce the finest, largest flowers.

PRICES—ALL VARIETIES, Except Oklahoma
Each 10c, 3 for 27c, 6 for 50c, Doc. 90c, 25 for \$1.70, 100 for \$6.50. Postpaid.

M—Means Mid-season Bloom

Red and Scarlet Shades

Hawkeye Red. Very large bright red, darker blotch. M.

J. V. Konynenburg. Glowing vermilion red. M.

Mansoer. Very fine large velvety blood red. M.

Poppy Day. Giant poppy red flaked white. M.

Red Charm. Tall bright red. M.

Red Cherry. Cherry scarlet. Very early.

Stoplight. Clear red well spaced flowers. M.

Valeria. Leading scarlet commercially. M.

Yellow and Orange Shades

Aranjuez. Rich orange with yellow throat. Early.

Daisy Mae. Very fine orange shading pink. M.

Gold Dust. Soft clear yellow. Early.

Hans Van Meegeren. Tall golden yellow. Early.

Lantana. Orange and yellow blend. Early.

Yellow Herald. Amber yellow, red throat. Early.

Yellow Spotlight. Large deep yellow with scarlet blotch. M.

Lavender, Purple, and Blue Shades

Blue Beauty. Strong growing deep blue. M.

Col. W. C. Atkinson. Most desirable rather deep lavender. M.

Elizabeth the Queen. Soft rosy lavender, one of the finest of all "Glads." M.

King Lear. Very fine large deep purple with silvery line on tips. M.

Lavender Dream. Light lavender with silvery sheen. Early.

Lavender Prince. Beautiful deep lavender. M.

Mabel Violet. Rich pure purple. M.

Purple Supreme. Tall, large flowering bright purple. M.

Pink, Rose, and Salmon Shades

Alfred Nobel. Very large salmon rose, white throat. M.

Burma. Rich deep rose, ruffled blooms. M.

Connecticut Yankee. Clear blush pink with rosy throat. A blue ribbon winner at shows. Early.

Ethel Cave Cole. Strong growing light pink. Early.

General Eisenhower. Deep salmon rose, one of the best pinks ever produced. Large tall impressive. M.

Miss Wisconsin. Outstanding rose pink. Medium height. M.

Picardy Supreme. Deep salmon pink. M.

Rosa Van Lima. Clear rose pink. Early.

Spic and Span. Ruffled rich prize winning deep pink. M.

Tivoli. Soft rose with creamy throat. Early.

White and Cream Shades

Corona. Beautiful creamy white, petal tips touched pink. M.

Crinkle Cream. Artistically ruffled, large, cream flowers. M.

Florence Nightingale. Very fine white with deep cream throat. M.

June Bells. The finest early flowering white.

Leading Lady. Beautifully formed creamy white. M.

Margaret Beaton. Snowy white with red blotch. M.

Morning Kiss. White, soft pink in throat. M.

Vanguard. Cream with dark red blotch. M.

Smoky and Unusual Shades

Oklahoma. Superb smoky lilac, flushed rose, with buff throat. Large, nicely ruffled flowers. Early.
Each 12c, 3 for 35c, doz \$1.20, 25 for \$2.20.

Vagabond Prince. Mahogany with red blotch in throat. M.

GLADIOLUS MIXTURES

Named Variety Mixture. Illustrated Boxes of 1 dozen bulbs (1 each of 12 distinct choice varieties). Per Box 80c, 3 boxes for \$2.25. These make very fine gifts for flower loving friends.

Exhibition Mixture. Contains a fine selection of variety and colors. This mixture offered in bulk.
All top size clean bulbs, 3 for 25c, doz. 70c, 25 for \$1.35, 100 for \$5.00. Postpaid.

Spargon Gladiolus and Bulb Dust

Treat "Glads" and other bulbs before planting for stronger, healthier growth.

2 oz. pkg. 50c, lb. \$1.95.

TUBEROUS BEGONIAS

One of the most beautiful of all summer bedding plants. Tuberous Begonias are at their best in a partially shaded location and they like moist, well mulched soil. Peat Moss is ideal to cover the soil around the plants. It holds the moisture and keeps the soil cool. The bulbs should not be set outdoors until all danger of frost is past, the end of May or early June.

In order to enjoy the flowers for a long season start the bulbs indoors in March or early April. You can use pots or flats, just so they can be lifted without disturbing the roots excessively. Small waterproof paper pots are excellent for starting.

Double Camellia Flowered Begonias

Beautifully doubled and richly colored blooms in the following separate selections:

Red, Scarlet, Rose, Orange, Salmon, Yellow, Copper and White. **Any color or mixed—Large Bulbs: Each 40c, 3 for \$1.10, doz. \$4.00.**

Fimbriata or Carnation. Double flowers with frilled petals, resembling Carnations.

Rosebud Mixed. Resembles perfect little rose buds with beautiful two toned pastel coloring.

Double Picotee. Camellia form, but slightly smaller, in combinations of pink and white.

Marmorata. Double scarlet flowers, spotted and flaked white.

Prices—Any above types—Each 40c, 3 for \$1.10, doz, \$4.00. Postpaid.

Lovely Gloxinias

These bulbs grow beautiful house plants. Select yours early as they are available in December, January and early February. We have separate varieties in the following colors:

Scarlet	Violet, white throat
Scarlet, bordered white	Pink
Rose	Large deep violet
Tigrinia Spotted	Crimson Frilled
Violet, border white	Scarlet spotted white
White	

Prices—Top size bulbs for best bloom—45c ea., 3 for \$1.20, doz. \$4.50.

Brilliant Cannas

The roots may be planted outdoors in Mid-May, or start them inside in pots and set outdoors late May or June.

City of Portland. Rose pink, green foliage. 3 feet.

Eureka. White, green foliage. 3 feet.

King Humbert. Red, bronze foliage. 4 feet.

President. Scarlet, green foliage. 3 feet.

Richard Wallace. Pure yellow, green foliage. 3 feet.

Rosemond Cole. Copper red, green foliage. 3 feet.

Wyoming. Orange, purplish foliage. 5 feet.

Yellow Humbert. Yellow, blotched red, green foliage. 4 feet.

Any variety—15c, each, 3 for 40c, doz. \$1.50.



Camellia flowered Tuberous Begonias

Tigridias (Shell Flower)

Brightly colored, large three petalled flowers of Reds and Yellows. There is an inner cup spotted with yellow. They like a warm sunny situation and are more effective planted in clumps of 6 or more. Plant 3 inches deep. **Each 10c, doz. \$1.00.**

Tuberoses, Dwarf Double

Spikes of heavily fragrant double white flowers, thickly set along the stem. The bulbs may be planted directly outdoors when soil is warm, or started earlier inside like Cannas.

Each 18c, 3 for 45c, doz. \$1.80.

Caladium Esculentum (Elephant's Ears)

The plant bears enormous green leaves, somewhat the shape of elephant's ears. Caladiums are used as border plants often with Cannas, making a very attractive combination. Plant outdoors when soil and weather are warm. For earlier growth they may be started indoors like Cannas. Like rich moist soil.

Large Bulbs, Each 40c, 3 for \$1.10, doz. \$4.00.

Fancy Leaved Caladiums

The leaves are gorgeous and richly colored, variegated shades of red, green, ivory. They are used as house plants, as porch plants, and they may be planted outdoors in a sheltered spot where heavy winds cannot reach them.

Each 45c, 3 for \$1.20, doz. \$4.50.

Ismene, Peruvian Daffodil

Calathina. The pure white flowers are very fragrant and graceful in form, somewhat resembling Amaryllis. They are easily grown in most spots, not too wet, doing best in fairly light rich soil. Plant in groups, the bulbs 4 to 6 inches deep. **Each 40c, 3 for \$1.10, doz. \$4.00.**



A Field of Certified Ranger Alfalfa

ALFALFAS

Because of extreme importance of Alfalfa to Ohio farmers we make every effort to have available all the better strains for you. It makes a difference if you plan a 1 year, 2 year, 3 year or longer crop, so check with us on the best for your purpose.

Certified Ranger	Certified Buffalo
Utah Affidavit Grimm	Other Grimm Strains
California and Oklahoma Approved Common	

CLOVERS

Medium Red Clover	Kenland Red Clover
Mammoth Red Clover	Alsike Clover
White Sweet Clover	Yellow Sweet Clover

Ladino White Clover. A larger growing, heavier yielding white clover. Invaluable in all pasture mixtures. **Available in Certified Blue Tag and Field Inspected.**

Birdsfoot Trefoil. A deep rooted, drought resistant legume that stands plenty of grazing. Does well in most all soils.

GRASSES and FORAGE

For Hay and Pastures

Kentucky Bluegrass. Most valuable for permanent Ohio pastures.

Timothy. Ohio grown seed of high purity. 99.50 per cent or better.

Rye Grass, Domestic. For quick growth.

Rye Grass, Perennial. Longer lived.

Alta and Kentucky 31 Fescues. Improved tall strain.

Orchard Grass. Hardy, thriving on most soils.

Reed's Canary Grass. Valuable for wet soils.

Lincoln Brome Grass. Best brome for our area.

Sweet Sudan Grass. Better than ordinary Sudan.

Winter or Hairy Vetch. For hay or plowing under.

Dwarf Essex Rape. Quick growing pasture for hogs or sheep.

Ask for Prices—When Ready to Buy

HYBRID CORN

These certified hybrids are those recommended by our Experiment Station and they have proved their value in this area.

Our stocks are all treated.

They are listed in order of earliness. Dates to ripening are average, of course, varying with weather and soil conditions.

Ohio M15 (90 days). Our earliest hybrid.

Ohio K14 (90-95 days).

Indiana 620 (90-95 days). Excellent picker.

Ohio K62 (95-100 days). Outyields K24.

Ohio W64 (95-100 days). Excellent yielder and stands well.

Ohio K24 (100 days). Adapted to most soils. Corn borer resistant.

Ohio K35 (100 days). One of the best, especially for the lighter soils.

404A (100 days). High yielding and adaptable to practically all soils.

U. S. 13 (115-120 days). Best hybrid for silage in this area. Tall, leafy, borer and disease resistant.

Please ask for prices on all Hybrid and varieties of Open Pollinated Corn available.

SEED OATS

We handle annually many carloads of Certified Seed Oats and can advise you as to yields, adaptability and other characteristics to help you get better crops. We can tell you which varieties are proving out well in our area.

Get our prices and advise on the following:

Clinton has all good features of Clinton 59 plus being resistant to all common forms of crown rusts.

Clinton 59 or Clinton 11 **Missouri 0205**

Andrew **Abegweit** **Wayne**

Certified and in some case non-certified stocks.

Spring Barley **Other Spring Grains**

Buckwheat

SOY BEANS

We recommend rather deep (1 inch) planting in rows, one bushel per acre, in drills $1\frac{1}{2}$ bushels per acre.

Adams. New early leafy variety.

Monroe. Another good early ahead of Earlyana, Hawkeye or Richland.

Hawkeye. Matures same time as Richland, but out-yields that variety.

Lincoln. Makes big top growth for hay.

Wilson Black. Late heavy variety for hay.

Please ask for prices.

Inoculate Soy Beans with Nitragin. It pays in larger yields.

Nitragin S. 2 bu. size 40c, 5 bu. size 60c.

SPRAY MATERIALS of Value to Farmers

We handle these materials in large volume so are able to give you good prices on all of these materials for crop insurance. Ask for recommendations as to quantities needed per acre and best formulations.

For Spittle Bug Control.

Benzene Hexachloride Emulsion—Toxaphene—Methoxychlor.

For Seed Treatment.

Arsan—Ceresan M—Lindane and Crow Repellent for Corn.

For Weed Control in Corn and some other crops.

2,4-D Concentrates—Esters and Amine Salts.

For Killing Brush—All Woody Plants.

Weedone 32 and Weedone 64 Brush Killers.

For Preemergence Weed Control—Corn—Soy Beans.

Dow Preemerge (Dinitro).

For Quack and other Perennial Grass Control.

TCA Sodium Salt.

For Soil and Root Insect Control—Potatoes—Corn.

Chlordane—Lindane—Dieldrin—Aldrin.

Seed and Root Protectants

Prices FOB Canton, Subject to Change

Arsan. Improves stands of grasses, legumes, corn, and many vegetable and flower seeds.

$\frac{3}{4}$ oz. 25c, 8 oz. \$1.00, 2 lbs. \$3.20.

Ceresan M. Best for small grains.

14 oz. \$1.35, 3 lbs. \$4.05, 40 lb. drum \$40.85.

Lindane Seed Treater. Treat the seed to prevent soil insect depredations. Two ounces treats one bushel of Corn.

2 oz. 49c, 4 oz. pkg. 95c.

Spargon. Treatment for many vegetable seeds to prevent seed decay. Especially valuable on lima beans and corn.

1 oz. 50c, 5 oz. \$1.75, 1 lb. \$2.50.

Spargon, Gladiolus and Bulb Dust. Controls thrips, and bulb decay.

2 oz. 50c, lb. \$1.95, 10 lb. \$11.50.

Semesan. Vegetable and flower seed treatment.

2 oz. 60c, 12 oz. \$2.85.

Inoculate all Legume Seeds with

NITRAGIN

OVER FIFTY YEARS OF SERVICE

When ordering, Always state name of seed.

ALFALFA AND CLOVERS

(AB)

Size	Retail
1 bu. ea.	\$.55
2 bu. ea.95

LESPEDEZA (L)

100 lb. size ea...	\$.55
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PEAS, VETCHES (All But Crown)

(C)

100 lb. size ea...	\$.50
--------------------	--------

SOYBEANS (S)

2 bu. ea.	\$.40
5 bu. ea.60
25 bu. ea.	2.70

BEANS (D)

Navy, Pinto, Wax, String, Kidney and Great Northern

1 bu. ea.	\$.55
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PEANUTS, COW PEAS (E)

Size	Retail
100 lb. size ea...	\$.50

BIRDSFOOT Trefoil—Broadleaf and Narrow-leaf

4 lb. ea.	\$.15
$\frac{1}{2}$ bu. ea.40

SPECIAL CULTURES—

Give name of seed when ordering. Big Trefoil, Crown Vetch, Kudzu, Garbanzo (Chick Pea), Lima Bean, Sanfoin, Sesbania, Astragalus Sp. (Milkvetch), Leucaena glauca. Others upon request.

$\frac{1}{8}$ bu. ea.	\$.18
1 bu. ea.65

GARDEN SIZE—Peas, Beans Sweet Peas, Lupines, Lima Beans and Edible Soybeans.

Enough for 8 lbs. seed
—Retail Price 15c ea.

PLANT HORMONES

Rootone. The plant hormone powder for cuttings, seeds, tubers, and bulbs. Just dip the base of the cutting or slip in Rootone before setting and the roots will grow faster and bigger. It also contains a fungicide.

$\frac{1}{4}$ oz. pkg. 25c, 2 oz. \$1.00, 1 lb. \$5.00.

Transplantone. The hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, also cabbage, tomatoes and other plants take root faster.

$\frac{1}{2}$ oz. pkt. 25c, 3 oz. pkg. \$1.00, lb. \$4.00.

Blossom-Set. To get more and better Tomatoes from your plants spray the blossoms with Blossom-Set. It is proven that this hormone means earlier, larger, meatier Tomatoes with fewer seeds. Peppers and Cucumbers are also greatly benefited.

4 oz. bottle (makes 1 gal.) 75c, pt. \$1.75, 12 oz. Aerosol \$1.79.

Berry-Set. The hormone spray for Strawberries, Raspberries, Blackberries. Means larger, better berries and a longer season.

$\frac{1}{2}$ oz. pkt. 25c, 1 oz. (makes 4 gal.) 50c, 3 oz. \$1.00, 12 oz. \$3.00.

Dormatone. Prevents sprouting, shrivelling, softening of root crops in storage.

12 oz. (treats 8 bu.) \$1.00, 5 lbs. \$5.50.

Fruitone. To prevent blossom drop in Tomatoes, resulting in earlier, more, and solid fruits.

$\frac{2}{5}$ oz. pkt. 25c, 2 oz. \$1.00, 12 oz. \$5.00.

Parking Space for Farmers. When you drive into Canton to pick up your seeds, you will find parking space at our Farm Seed Warehouse on 5th and McKinley.

IT PAYS TO FERTILIZE

Regular VIGORO

For Flowers, Vegetables, Lawns, Trees and Shrubs

Complete Plant Food—Printed right on the bag.
Clean, Odorless, Sanitary.

A favorite with gardeners for 30 years.

Made to suit every soil, climate and plant.

5 lbs. 55c, 10 lbs. 95c, 25 lbs. \$1.70, 50 lbs. \$2.50, 100 lbs. (2-50 lb. bags) \$4.85.

Instant VIGORO

For Liquid Feeding of all Plants

Complete Plant Food in water-soluble form.

Feeds through leaves, stems and roots.

Use as foliage spray, soil application or as transplanting solution for all plants.

Feeds Instantly, Completely.

8 oz. can 80c, 1 lb. can \$1.13, 3 lb. can \$3.00, 25 lbs. \$13.35, 50 lbs. \$22.40.

New Golden VIGORO

Especially For Lawns

Won't Burn—Used in recommended amounts.

Nutrients released evenly over long period.

Produces thick, deep green lawns.

Semi-granular, free flowing, Golden Colored Plant Food.

50 lb. bag \$3.75, 100 lbs. (2 bags) \$7.35.

Milorganite—Turf Builder

Milorganite is entirely organic and its plant food becomes available slowly, feeding over a long period. It will not burn and is especially recommended for lawns.

100 lbs. \$4.50, 50 lbs. \$2.85, 25 lbs. \$1.75.

Special Rose Food 8-10-4

A 50% organic fertilizer completely mineralized. It helps roses grow and bloom to their fullest capabilities. Every rose grower should use this fine help to better roses.

5 lbs. 75c, 10 lbs. \$1.40, 25 lbs. \$3.25.

ACTIVO For Composting

A small amount of Activo added to the pile of leaves, in fact, any plant material helps to quickly turn it into rich compost. Even garbage can be turned into compost in 2 to 4 weeks, and the product is odorless. Full directions with every package.

No. 2 size, for 400 lbs. compost \$1.00.

No. 7 size, for 1300-1700 lbs. compost \$2.95.

No. 20 size, for 2 tons compost, with free plans for building compost cabinet, \$5.95.

Krilium Soil Conditioner

Changes "Problem" Soil to "Friendly" Soil

Properly applied to heavy compact soils Krilium changes the structure from a hard packed mass to a loose crumbly consistency. You can readily imagine how this improves the crops grown on that soil. And the benefits are lasting. Ask for complete instructions on the use of Krilium and use it this year.

Merloam 25% Concentrate.

2 oz. pkg. 29c, 1 lb. \$1.39, 5 lbs. \$4.95.

Loamaker 100% Concentrate.

10 lbs. \$25.00, 25 lb. drum \$57.20.

Krilium Liquid. 1 gal. \$7.50, 5 gals. \$26.50.

Ra-Pid-Gro

For Foliar Feeding

Analysis 23-21-17 All Quickly Soluble

Applied in liquid form it goes right to work on your plants. Contains all the 11 food elements essential to plants plus vitamins, and is equally valuable to flowers, vegetables, shrubs and lawns.

2 oz. pkt. 25c, 8 oz. can 69c, lb. \$1.25, 5 lbs. \$4.50, 10 lbs. \$8.75.

Horticultural Peat Moss

Peat worked into the soil acts like a sponge holding moisture and plant food so that it is available to plant roots. It breaks up heavy soil and improves light sandy soil, making them more productive and easier to work. Also valuable as a surface mulch in hot weather.

Jumbo bales \$4.95, 1/2 bale \$3.00, bu. 85c.

Terra-Lite Vermiculite. Seeds, plants and bulbs start better and grow better when Vermiculite alone or mixed with soil is used as a planting medium. It serves as a reservoir of moisture and roots really thrive in it.

4 qt. bag 40c, 1/2 bu. 85c, big bag \$2.25.

Bone Meal. Slow acting, develops root growth.

5 lbs. 70c, 10 lbs. \$1.30, 25 lbs. \$2.40.

Broad Leaved Evergreen Food. Greatly benefits Rhododendrons, Azaleas, etc.

5 lbs. 70c, 10 lbs. \$1.25, 25 lbs. \$2.80.

Orgamin. An organic material that contains all the essential elements needed by plants.

5 lbs. 69c, 10 lbs. \$1.25, 80 lbs. \$4.00.

Ask For Prices On

LIME—Hydrated and Raw Ground

SHEEP and CATTLE MANURES

SUPERPHOSPHATE—BLOOD MEAL

SULPHATE OF AMMONIA—NITRATE

VIOLET and POTTING SOILS

UP-TO-DATE WEED KILLERS

Prices are FOB Canton, and subject to change

WEEDONE FOR WEEDLESS LAWNS

Improved, containing the low volatile butoxy ethanol ester of 2,4-D and 2,4,5-T. Kills a wider variety of weeds and woody plants than any product containing only one of these chemicals. No vapor injury to nearby susceptible plants. Kills over 100 weeds and woody plants, including dandelions, plantains, poison ivy, poison oak and brambles. Does not kill grass. Harmless to people and pets.

8 oz. can \$1.00, qt. \$2.75, gal. \$6.75.

Weedone Sprayer

All plastic sprayer that fits any standard gallon or 1/2 gallon jug. Just adjust to jug, tilt and spray. Excellent for weed killers, 59c.

Weedone Brush Killer 32

A more powerful formula of 2,4-D and 2,4,5-T for the control of poison ivy and practically all species of brush, woody plants, even trees and stumps. Gives off no vapors to injure nearby crops. It is non-poisonous to livestock and humans. Does not injure desirable grasses though we do not recommend it for lawn use.

8 oz. \$1.49, qt. \$3.75, gal. \$7.95.

Crag Herbicide 1

Crag kills germinating weed seeds and seedlings that are starting in the upper soil layer without injury to established crop plants. Prevents weeds for 3 to 6 weeks and cuts down garden work. It has been used extensively in Strawberries, Glads, and other crops. Full directions with package.

4 oz. tin (treats 3000 sq. ft.) \$1.50.

DuPont Ammate

Destroys all weeds and plant growth to which it is applied, even brush, trees and stumps. The home owner will use it in keeping driveways, tennis courts, etc., free of growth. The farmer uses it to eradicate patches of thistle, poison ivy, quack-grass and woody plants. Non-poisonous. No fire hazard.

2 lbs. \$1.15, 6 lbs. \$2.95, 50 lbs. \$14.00.

DUST-A-WAY KILLS CRABGRASS CHICKWEED

A new dry form of Potassium Cyanate Crabgrass Killer that can be applied with a spreader, which some prefer. It is safe, non-poisonous to humans, pets or birds. Also contains a soil sweetener and a turf invigorator.

1 1/2 lb. Spot Duster Cans 75c, 7 1/2 lb. bag (treats 500 sq. ft.) \$2.75, 18 3/4 lb. bag \$5.85, 37 1/2 lbs. (2500 sq. ft.) \$9.95.

IMPROVED WEEDONE CRABGRASS KILLER

A really superior product for the control of crabgrass and chickweed. Contains potassium cyanate and MCP. This combination increases its effectiveness as a crabgrass and chickweed killer and also kills such lawn weeds as dandelion, plantain, purslane, and others without killing the grass or clover.

6 1/2 oz. (enough for 1000 sq. ft.) \$1.25, 26 oz. \$3.75, 6 lb. can \$9.70.

Lawn and Garden Cyanamid

To Make a Lawn Without Weeds

After the soil is graded and raked smooth, Lawn Cyanamid is spread on the surface. In 3 weeks it kills the weed seeds in the surface soil and also adds valuable Nitrogen. Then sow your lawn seed, without weed competition. Get full details. It will pay you, avoiding future labor and expense.

10 lbs. \$1.85, 25 lbs. \$3.75, 50 lbs. \$6.50.

WEEDUST. Dry Powder form of 2,4-D for spot dusting on broad leaved weeds in lawns.

12 oz. Sifter Top Can \$1.00.

TCA Sodium Kills Quack Grass

One application gives close to 100% kill of quack and other tough perennial grasses. TCA may be used with safety and crops may be sown in the same soil in 6 to 8 weeks after treatment. Ask for leaflet on application.

1 1/2 lb. pkg. \$1.95, 10 lb. drum \$5.40.

Arsenical Weed Killer

A fast killer of poison ivy, and practically all vegetation. Not for lawns. Very inexpensive for use on all areas that need to be kept clean of vegetation, like tennis courts, driveways, curbs. Used also for killing weeds in ponds.

Qt. 80c, gal. \$2.30, 5 gal. \$10.45.

Other Weed Killers

Available to Commercial Growers

2,4-D Concentrates	2,4,5-T Concentrates
Dow Premerge (Dinitro)	Chloro-IPC
Karmex (CMU)	Potassium Cyanate

Small Fruits—Fruit Trees Vegetable Roots

Ask for price list of Strawberries, Raspberries, Apples, Peaches, etc., and Asparagus, Rhubarb Roots. We offer many excellent varieties.

MATERIALS FOR CROP PROTECTION

To control Insects and Plant Diseases on Vegetables—Flowers—Roses—Fruits—Ornamental Shrubs—Trees and Lawns.

Any quotations made at this writing are subject to change. All prices are F.O.B. Canton.

ALL PURPOSE SPRAYS-DUSTS

Combination Insecticides and Fungicides

ACP Rose and Floral Dust



This one product takes the guesswork out of flower sprays. It is a fungicide, insecticide, aphicide, and miticide all in one. Contains Lindane, DDT, Ferbam, sulfur, Ovotran. Use as dust or spray to control leaf spot, black spot, anthracnose, powdery mildew and rust. Also aphids, leaf hoppers, rose chafers, spider mites (red spider), thrips, lace bugs, Japanese beetles, etc.

8 oz. gun 98c, 1 lb. \$1.49, 3 lbs. \$3.59.

The DuPont Line



Developed in accordance with results obtained by extensive DuPont research.

Fruit Tree Spray

By following simple directions and figuring your sprays throughout the season, this one product will help you to get good clean fruit.

1 lb. \$1.25, 3 lbs. \$2.75 (makes 40 gals.).

DuPont Floral Dust

Controls insects and diseases on flowers.

8 oz. gun 98c, 1 lb. can \$1.25, 3 lbs. \$2.75.

DuPont Garden Dust

Complete for the vegetable garden.

8 oz. gun 98c, 1 lb. \$1.25, 3 lbs. \$2.75.

Rose Insecticide Fungicide

New formulation for complete Rose protection.

8 oz. gun \$1.29, 1 lb. \$1.69, 3 lbs. \$3.75.

DuPont Tomato Dust

Controls Tomato insects and diseases.

8 oz. gun 89c, 2 lbs. \$1.25.

Special DDT Formulations

Still recommended for control of many insects, notably thrips in Glads and other crops, corn borer and corn ear worm, Japanese beetles, and many fruit insects.

50% DDT Wettable Powder. 1 lb. can 90c.

5% DDT-Neudust. For dusting only.

Lb. Sifter top can 50c.

25% DDT Emulsion. Liquid spray containing 25% DDT. Pt. 85c, qt. \$1.50. Ask for quantity price.

CHLORDANE

Chlordane is perhaps the best insecticide for control of soil and root insects. We strongly recommend it for control of Grubs in lawns, other lawn pests such as Chinch bugs, sod webworms, cut and wire worms. Use on other crops also that are bothered by these pests. Chlordane is further effective against household insects, cockroaches, silver fish, etc., and it is now recommended for termite control.

5% Chlordane Dust. The best form where dusting is more practical than spraying. 5 lbs. of this material per 1000 sq. ft. for instance, controls lawn insects.

1 lb. Duster Can 60c, 5 lb. bag \$1.50.

40% Wettable Powder. Makes low cost Spray.

1 lb. \$1.30, 4 lbs. \$3.20.

45% Chlordane Emulsion. Contains 4 lbs. actual Chlordane per gallon.

1 oz. 39c, 4 oz. 75c, pt. \$1.65, qt. \$2.75.

Rotenones

Valuable for vegetable crops, being non-poisonous. Widely used on Beans, Cucumbers, Melons and Squash.

Rotosyn. Most effective for dusting or spraying.

1 lb. Sifter Top can 50c, 4 lb. bag \$1.25.

Rotenone, Standard 75 Dust.

1 lb. 40c, 4 lbs. \$1.00.

CPR Pyrene Spray. Made of Pyrethrum, Rotenone and activators. Non-toxic, safe on all outdoor crops and house plants.

1 oz. bottle 35c, 4 oz. 70c, pt. \$1.90.

Malathion Spray

Malathion controls most insects and can be safely used by the home gardener to do much of the control work done by professionals with Parathion. Controls various mites, aphids, white flies on fruits, ornamentals and vegetables.

DuPont Aphid and Mite Spray. 50% Malathion.

1 oz. 50c, 4 oz. \$1.25, pt. \$3.25.

Malathion 25% Wettable Powder. Ask for prices.

Marlate—Methoxychlor

Effective control against many insects on vegetables, as Mexican Bean Beetle, Spittle Bugs, Cucumber Beetles, Japanese Beetles, Leaf Hoppers and Flea Beetles. It also controls fleas, house flies, cockroaches and other farm and household pests. Non-poisonous.

Marlate 50W. Wettable Powder, 50% Methoxychlor. 8 oz. can \$1.00, 4 lb. bag \$3.20.

Marlate 2-MR. A liquid spray. Ask for prices.

Other Valuable Insecticides

Aramite 15W. Controls Red Spider and Mites.
4 oz. (makes 16 gals.) \$1.00.

Arsenate of Lead. Ask for prices.

Black Leaf 40. Nicotine Sulphate. Effective control for aphids, plant lice.
1 oz. 39c, 5 oz. \$1.19, 1 lb. \$2.69.

Lindane 5% Spray. Purified form of Benzene Hexachloride. Controls Spittle Bug, aphids, and many soil insects.

1 oz. 40c, 4 oz. 75c, 16 oz. \$2.25.

Effective Fungicides

For Control of Plant Diseases

Bordeaux Mixture. 1 lb. 60c, 4 lbs. \$1.45.

Copper-A Compound. Fixed copper now used in preference to Bordeaux. 6 lb. bag \$2.85.

Sulfur, Micronized Wettable. Finest grade.

Sulfur, Dry Lime. For dormant spraying.

Organic Fungicides

Rose and Garden Fungicide. Captan and Karathane for control of mildew and black spot on roses and many other plant diseases.

4 oz. (makes 10 gals. of spray) \$1.00.

Fermate (Ferbam). For many fruit, vegetable and flower diseases, including Roses.

1/2 lb. can \$1.00. Ask for quantity prices.

Parzate (Zineb). Fungicide A. Controls blight of tomatoes, potatoes and celery and Downy Mildew of melons and cucumbers as well as Leaf Spots and Rusts of many flowers.

6 oz. can 85c. Ask for quantity prices.

Please ask for prices on all Fungicides.

For Tree Protection

Parascalecide. For Peach Tree Borer control.

1/2 pt. 75c, qt. \$1.45, gal. \$3.25.

Scalecide. Dormant oil spray to use on all fruits, shade trees, shrubs, vines and evergreens, before growth starts in Spring.

Pt. 75c, qt. \$1.15, gal. \$2.75.

Tree Band. For keeping climbing insects out of trees. Also useful as a repellent to Pigeons.

1 lb. tin \$1.05, 7 1/2 lb. tin \$6.25.

Treekote. Pruning and tree wound dressing.

Pt. 55c, qt. 75c, gal. \$2.00.

Miscellaneous Pesticides

Ant Dust. Used indoors or out.

6 oz. can 35c, 1 lb. 60c.

Roach Paint. Good, long lasting control.

Pt. 75c, qt. \$1.25.

Mole-Nots. Sure death to moles.

Garden size 35c, large size \$1.00.

Snarol Bait. Kills snails, slugs, cut worms, sow bugs.

1 lb. 50c, 2 1/2 lbs. \$1.00, 6 lbs. \$2.00.

Crow Repellent. 1/2 pt. treats 1 bushel of Corn.

1/2 pt. 60c, pt. \$1.00, qt. \$1.75.

Dogzoff. Dog repellent. 3 oz. bottle 75c.

Warfarin Black Leaf Rat Killer

Concentrate. To be mixed with bait. 1 lb. making 20 lbs. of prepared material.

4/5 oz. 50c, 4 oz. \$1.70, 1 lb. \$5.00.

Ready Mixed Form. 1 lb. 78c, 5 lbs. \$2.98.

Household Insect Bombs

Sohio Bombs. Contains DDT. Each \$1.29.

African Violet and House Plant Spray Bombs. Just press the button and spray. 6 oz. 89c.



Bugwizer

Sprayers and Dusters

We carry a complete line of the well and favorably known Hudson Sprayers in the hand and compressed air styles. Please come in and choose the model which will best suit your purpose. We have space to price here just a few of the more popular compressed air models.

310B Perfection. The best with full 4 gal. capacity and chemical proof hose attachments. Galvanized. \$15.25.

310S Perfection. Stainless steel \$29.00

335A Climax. 3 1/2 gal. capacity 13.50

293B Leader. 3 1/2 gal. capacity 10.50

291B Booster. 3 1/2 gal. capacity 8.50

220G Bugwizer. 3 gal. capacity 7.75

9A Favorite. 1 3/4 gal. fine light weight, durable sprayer. \$9.25.

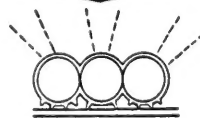
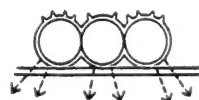
Koroseal Plastic Hose

Weights about half as much as ordinary rubber hose yet delivers just as much water. It is kink proof, will not crack and is unharmed by sun, frost, oil or grease. A beautifully smooth hose made by Goodrich. Comes in bright red or rich green.

25 ft. length with couplings \$ 5.75

50 ft. length with couplings 9.80

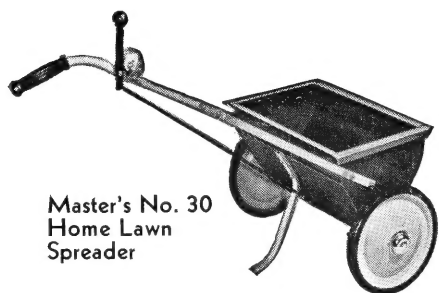
75 ft. length with couplings 13.85

AS A SPRINKLER**AS A SOAKER****Suplex Flexible Plastic**

This is a real rain maker. The openings are on upper sides only, at exact calculated angles to give complete coverage for the whole length. Turned over with holes down, at lower pressure, this makes an excellent soaker for trees and shrubs. Comes with reel for neat storage.

25 ft. length \$3.25.

50 ft. length \$4.98



Master's No. 30
Home Lawn
Spreader

Master's Fertilizer Spreaders

Newly designed spreaders all equipped with "Fertilizer Miser" finger tip control for all fertilizers and grass seeds. The Home Lawn models have scatter board and removable shut-off plate.

Home Lawn Models

These all have Rubber Tired Wheels

Lawnette No. 15-55. Capacity of 20 lbs. and 16 in. spread, an excellent spreader at a low price. **\$7.85.**

Model 25-55. Capacity of 20 lbs. and 18 in. spread. **\$9.95.**

Model 30-55. Deluxe model with capacity of 50 lbs. 20 in. spread and larger tires. **\$12.85.**

Model 40-55. 75 lb. capacity and 24 in. spread. Has 2 support legs, lifetime oil impregnated wheel bearings. **\$18.25.**

Perfect Commercial Models

Model No. 241SD. 24 in. spread, semi-pneumatic tires of 14 in. diameter. Stainless steel agitator and hopper bottom. Capacity 65 to 75 lbs. **\$49.25.**

Model No. 361SD. 36 in. spread and 100-120 lb. capacity. **\$63.95.**



Gardener Cart

It does dozens of odd jobs around home, garden, garage and yard. For moving dirt, sand, leaves, grass cuttings or for stones and other heavy objects. Simply tip it down, rake, shove or roll the load into it, tip it back and away you go.

Price **\$8.95.**

Soil Testing Kits

2 Minute Kit. To test acidity. Each **\$1.49.**

Home Garden Model. Tests for nitrogen, phosphorus, potash, and acidity. Each **\$2.98.**

Club Model. Makes 50 individual tests for nitrogen, phosphorus, potash, and acidity. Complete with instructions. Each **\$5.89.**

Horticultural Model. Has 4 times as much testing material as Club Model. Each **\$14.95.**

Ross Root Feeder

Attaches to your hose and carries plant food and water down to the plant roots where needed.

Complete with 12 plant food cartridges **\$4.98.**

Extra cartridges either neutral or acid **\$1.00 per doz.**

Starter Cartridges. 10-52-19 Analysis.

Box of 12 for **\$1.00.**



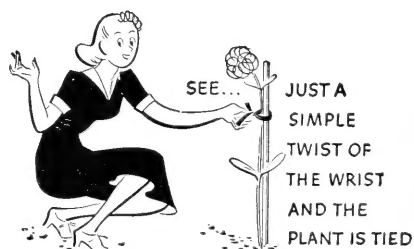
Eazy Wear Gloves

Protect your hands with these gloves, soft yet durable goat skin, dirt proof, easy to wear, not at all clumsy and washable. Tough enough to stand handling of Roses, Barberry, and other thorny plants. Ladies say they keep their hands soft. Men find them tough enough for handling rough materials. Several sizes. **Ladies', Small, Medium, and Large, \$1.45 per pair. Men's Medium and Large, \$1.55 per pair.**

"Soft Touch" Garden Gloves

Comfortable, long-wearing **SOFT TOUCH** gloves are ideal for gardening and a score of household uses. They're snag-proof and the wearer retains her sense of touch to do the sensitive jobs for which ordinary gloves are too heavy and clumsy. They feel like kid, yet wear like iron. The new pattern permits one standard size to fit sizes $5\frac{1}{2}$ through 8. **Pair 85c.**

"Twist-Ems"



The latest in plant ties, taking the place of twine and raffia. Applied by a "twist of the wrist."

Box of 100— 8 inches long **25c.**

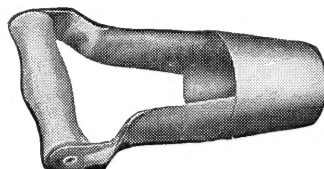
Box of 100—16 inches long **50c.**

250 ft. Continuous Roll, per roll \$1.00.

Prices in Bulk per 1000

7 inch **\$1.75** 8 inch **\$1.95** 16 inch **\$3.90.**

Hotkaps. Please see page 13.



Bulb Planter

Makes the hole and removes soil for ideal planting.

Each **95c.**

LEATHERMAN'S "GLADS" GIVE YOU THE FINEST CUT

FLOWERS



See Page 40





GORGEOUS TETRA SNAPDRAGONS, certainly one of the most desirable of all garden flowers. Give them a place in your garden this summer. See page 23.

No. 63 Tetra Mixed Colors. Pkt. 20c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10 $\frac{1}{4}$ oz. \$1.80.

SEEDS • BULBS *Letherman's* GARDEN SUPPLIES

Retail Store and Office, 438 Cleveland Ave., N. W.
Wholesale and Farm Warehouse, 5th St. and McKinley Ave., N. W.
CANTON 2, OHIO